



PNI House IP716

NVR



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Main functions

- Simultaneous real-time multi-channel recording, remote playback and configuration
- Supports up to 16 channels with a maximum 4K resolution.
- Backup on USB flash memory and external HDD.
- Supports face and human shape detection (depending on the camera)
- Possibility to connect external speaker.

Technical specifications

Video input	16 x 4K (access bandwidth 72Mbps)
Video output	1 x VGA / 1 x HDMI
Video compression	H.265AI/H.265+(compatible H.265/H.264)
Playback resolution	Maxim 2K (2560 x 1440)
Audio compression	G.711A
Audio output	1 x 3.5mm
Recording mode	Manual, alarm, motion detection, programmed
USB	2 x USB2.0
HDD	1 x HDD SATA (max. 14Tb)
ONVIF	Yes
Power voltage	12V / 2A
Dimensions	255 x 210 x 45 mm
Working temperature	-26°C ~ +60°C

Instructions for use

Installing the storage unit

Before first use, please install the storage unit. Only one SATA HDD with a maximum capacity of 14TB can be installed inside the recording unit (HDD is not included in the package).

- Loosen the screws and open the NVR housing
- Connect the data cables and secure the hard drive with the screws

- Close back the NVR housing
- Connect the power and internet cable to the NVR

Turn on the device

Plug the power cord into a 230V outlet. The NVR will start. The indicator LED will light up. By default, 16 channels will be displayed on the screen.

If the start time is within the preset schedule for recording, then the recording function will start automatically.

Notes:

- 1. Check that the input voltage corresponds to the recommended voltage of the device. The supply voltage is 230V $\pm$ 10% / 50 Hz 2A.*
- 2. We suggest using a UPS device to protect the device from voltage fluctuations.*

Turn off the device

There are two ways to turn off the device.

1. Access the main menu (right click on the screen) and select the option Logout - Shutdown
2. Turn off the power supply.

Special warnings:

1. Restart after power failure. If the device is closed abnormally, it creates a backup and restarts from that status after power is restored.

2. Replace the battery on the system board. Before replacing the battery, you must backup your system settings (see chapter **Advanced-Import / Export**) and turn off the power supply. The device time and date must be set again after the battery is replaced. We recommend that you replace the battery every year.

Remote control of the device

The NVR can be controlled locally or remotely from both smartphones and computers with Windows operating system.

Operating system	Application	Download	
Android, iOS	XMEye		
		Android	iOS
Windows	General CMS	The installation file can be downloaded from the CD included in the package or from the Download section on the product web page (www.pni.ro)	

System authentication

After turning on the device, log in to the system.

By default, the admin user is password protected by **1234**. If the password is entered incorrectly 5 times in a row, the account will be blocked. By restarting the device or after half an hour, the account will be unlocked automatically.

Note: For the security of your system, please change the password after the first login.

Quick setup guide

After starting the device, the quick setup guide will start.

Note: We recommend configuring the system before installing the NVR and cameras in the final location.

Steps to follow:

1. Set the time, date and time zone.
2. Soon, a popup window will appear on the screen asking you to change the authentication password in the system. Follow the steps on the screen or press the ESC key on the NVR to exit the password setting interface.

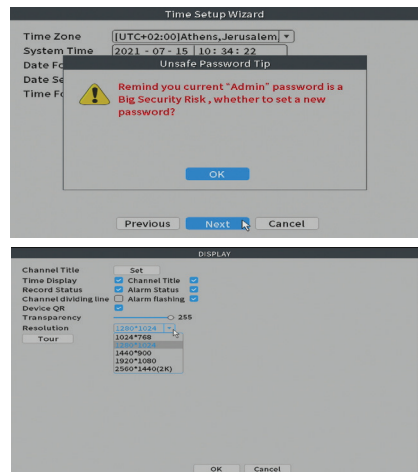
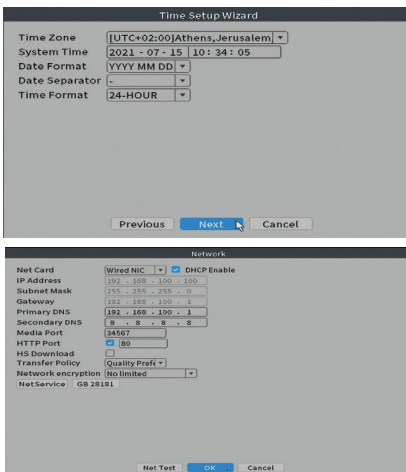
Note: For the security of your system, we recommend changing the password after the first login in the system.

3. Set the network parameters manually or activate the DHCP option for automatic download.
4. Scan the QR code on the screen to install the XMEye application on your mobile phone. Scan the QR code with the serial number to add the system to the application.
5. Set the display options and resolution of the monitor connected to the NVR. Maximum supported resolution 2560x1440 (2K).

Note: Before changing the resolution, make sure that your monitor supports that resolution. If the set resolution is higher than the resolution of your monitor, nothing will appear on the monitor and you will not be able to access the menu. If this happens, however, connect the NVR to a lower resolution monitor, access the menu, and change the resolution.

6. Press the OK key to complete the basic system configuration.
7. Right click on the screen and access the NetDetect option. Click Diagnose to test the network configuration.

Note: For the settings to take effect, restart the system. Right click on the screen - Logout - Reboot.



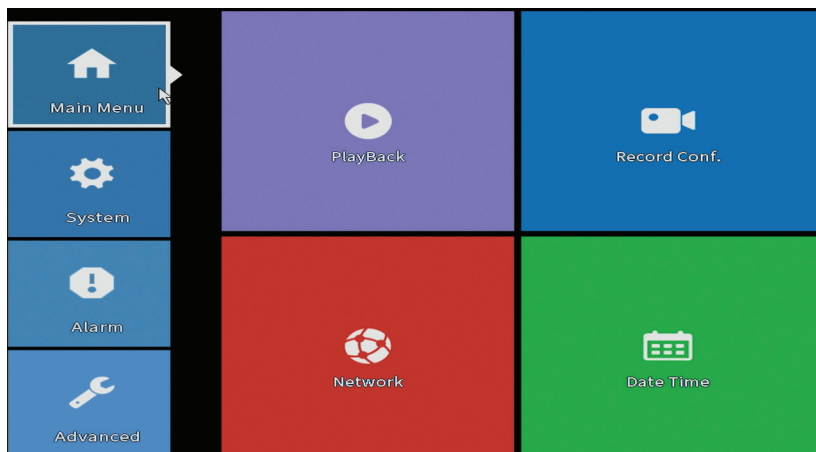
The menu

In the main preview interface, right-click with the mouse to access the menu.



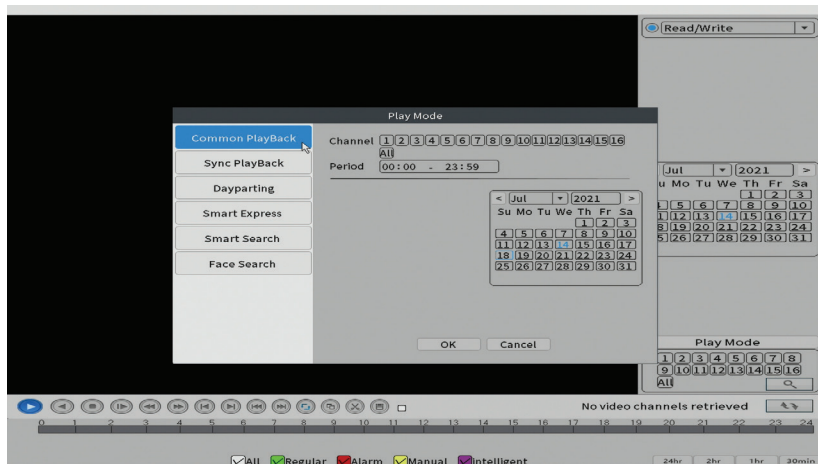
Main Menu

Options: Playback, Record Conf, Network, Date Time.



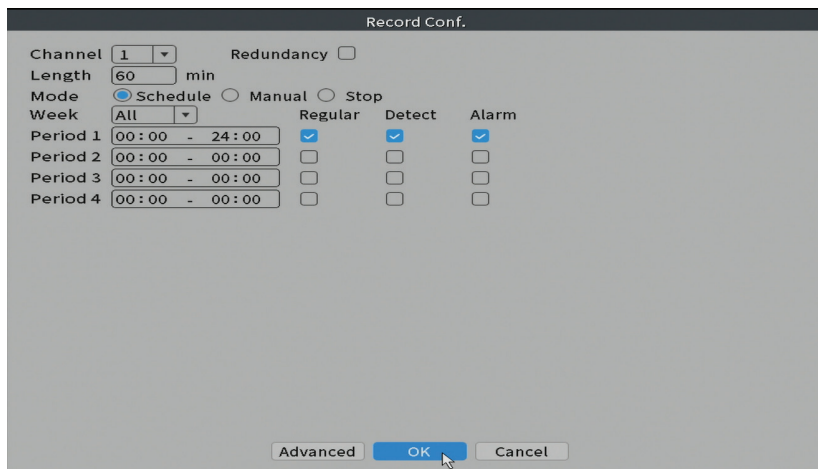
Playback

The system offers numerous filters and options for identifying the desired record. You can search by channel number, date and time interval or by file type.



Record Conf.

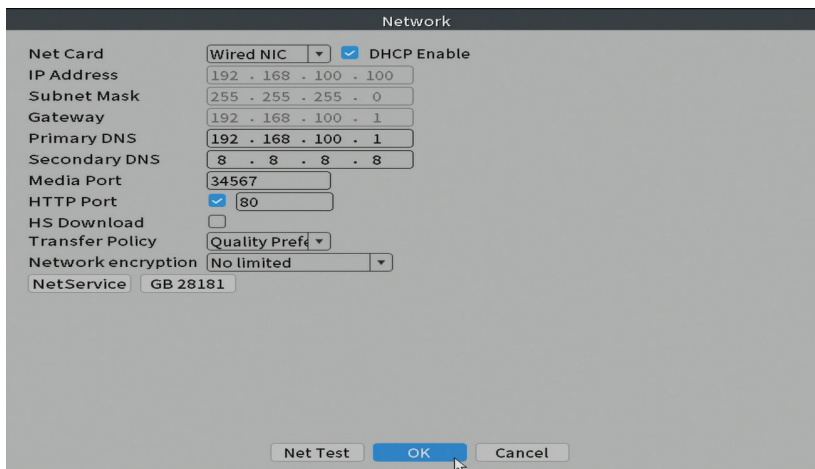
The interface allows you to make the following settings: the length of a recording file, the recording mode (programmed or manual), the period (day and time interval) and the recording type (normal, motion detection and alarm).



Network

Manually set the network parameters (IP address, gateway, DNS, port, etc.) or check the DHCP option for automatic parameter retrieval.

Note: For the settings to take effect, restart the system. Right click on the screen - Logout - Reboot.



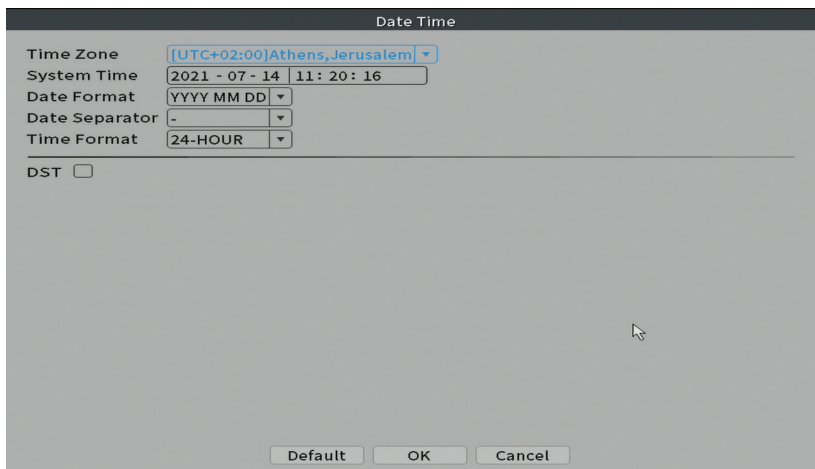
The Network configuration window displays various settings for the network interface. The 'Wired NIC' is selected, and 'DHCP Enable' is checked. The IP Address is set to 192.168.100.100, Subnet Mask to 255.255.255.0, Gateway to 192.168.100.1, Primary DNS to 192.168.100.1, and Secondary DNS to 8.8.8.8. The Media Port is 34567, and the HTTP Port is 80. The HS Download checkbox is unchecked. The Transfer Policy is set to Quality Pref. The Network encryption is set to No limited. The NetService is GB 28181. At the bottom, there are buttons for 'Net Test', 'OK', and 'Cancel'.

Net Card	Wired NIC	☒ DHCP Enable
IP Address	192 . 168 . 100 . 100	
Subnet Mask	255 . 255 . 255 . 0	
Gateway	192 . 168 . 100 . 1	
Primary DNS	192 . 168 . 100 . 1	
Secondary DNS	8 . 8 . 8 . 8	
Media Port	34567	
HTTP Port	☒ 80	
HS Download	☐	
Transfer Policy	Quality Pref	
Network encryption	No limited	
NetService	GB 28181	

Buttons: Net Test, OK, Cancel

Date time

Set the time zone, date, time and format.



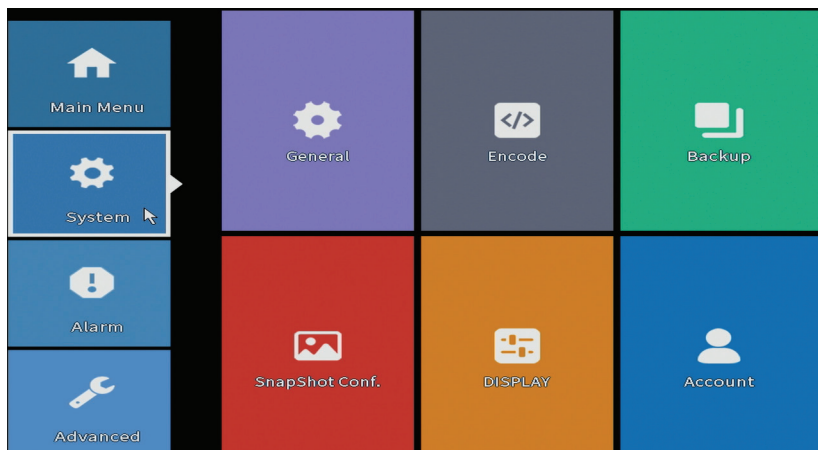
The Date Time configuration window allows setting the system's time and date. The Time Zone is set to [UTC+02:00]Athens,Jerusalem. The System Time is 2021 - 07 - 14 11: 20: 16. The Date Format is YYYY MM DD, the Date Separator is -, and the Time Format is 24-HOUR. The DST checkbox is unchecked. At the bottom, there are buttons for 'Default', 'OK', and 'Cancel'.

Time Zone	[UTC+02:00]Athens,Jerusalem	
System Time	2021 - 07 - 14 11: 20: 16	
Date Format	YYYY MM DD	
Date Separator	-	
Time Format	24-HOUR	
DST	☐	

Buttons: Default, OK, Cancel

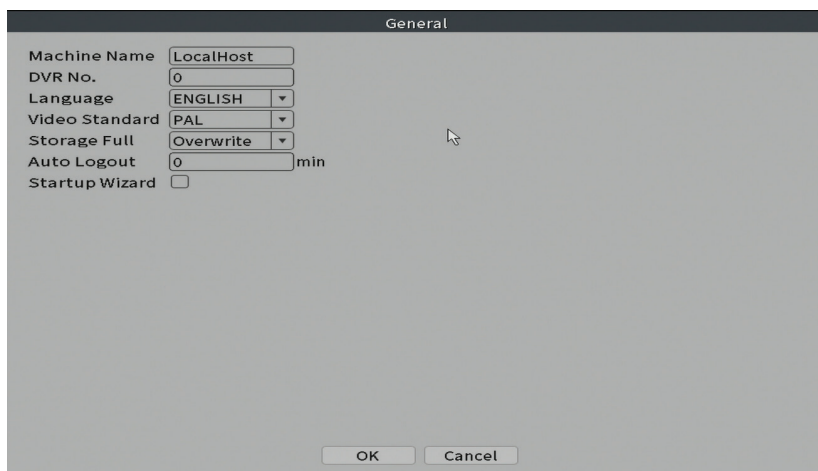
System

Options: General, Encode, Backup, Snapshot Config., Display, Account.



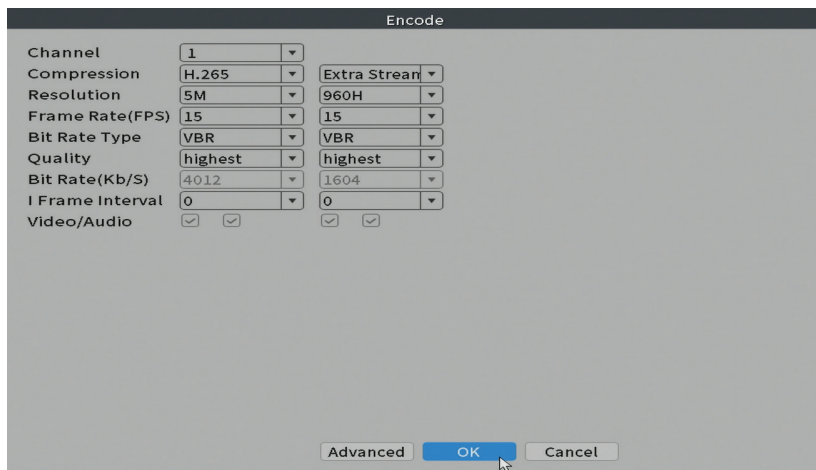
General

The interface will allow the following settings: the menu display language, the behavior in case of a full hard disk (overwrite or stop recording), the session duration and enable / disable quick configuration guide at system startup.



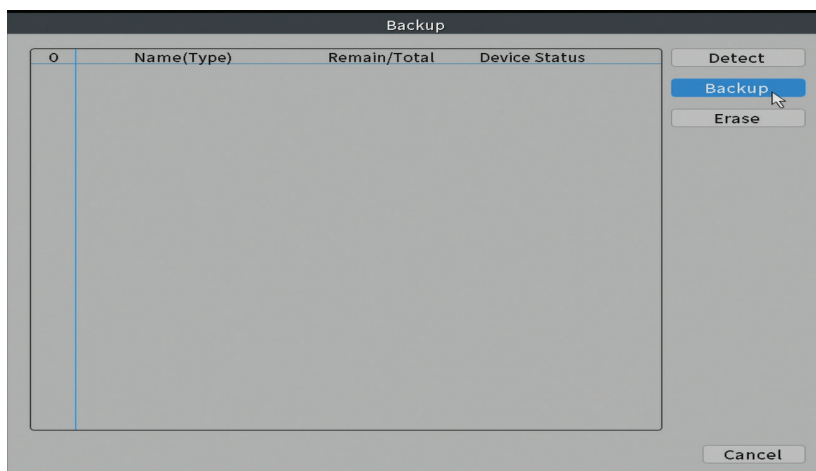
Encode

Displays the technical parameters of the connected cameras (resolution, frame rate, video compression, quality, etc.).



Backup

The USB memory or external HDD must be installed in the NVR before starting the backup. Press the **Detect** button to identify the storage device, then the **Backup** button to perform the backup.



Snapshot Config

Set to take cyclic captures at a certain time and send them by email, FTP or store them on your hard disk.

Channel: 1

☒ Cycle capture

☒ EMAIL 64 Sec.

☒ FTP 64 Sec.

☒ storage 64 Sec.

☐ Timing capture

0	Capture time	Delete	EMAIL	FTP	storage

☐ EMAIL ☐ FTP ☒ storage

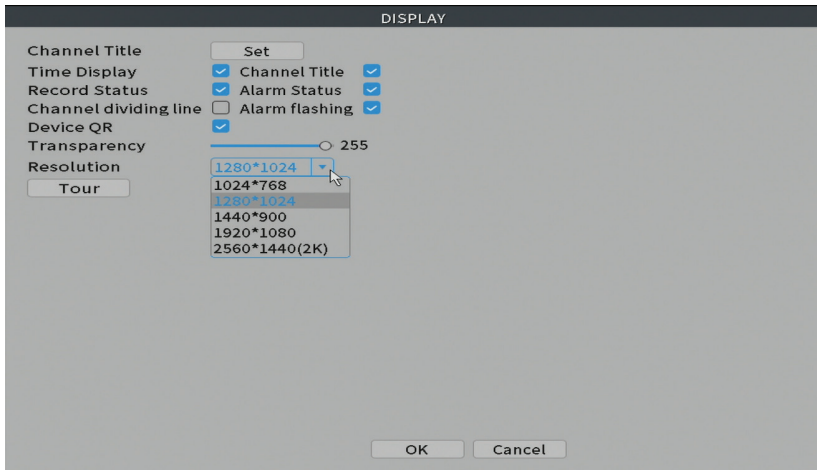
Capture time: 00 : 00 : 00

☐ Stop

Display

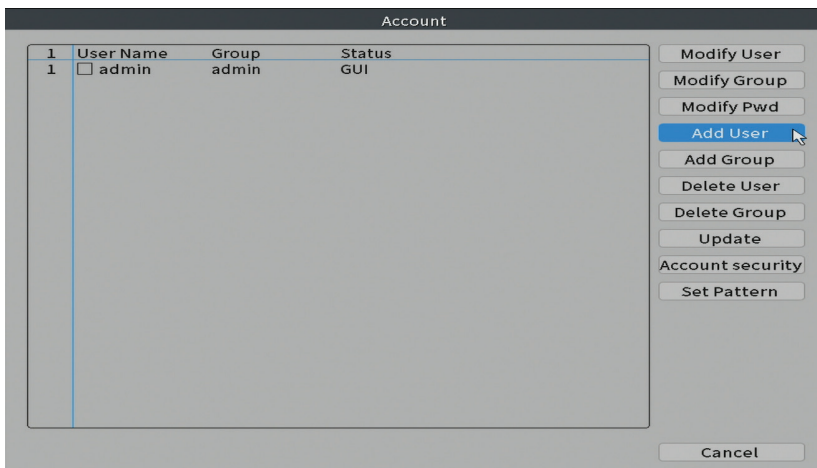
In the local preview mode can be displayed: time, channel name, recording status, alarm status, transparency and display resolution.

Note: Before changing the resolution, make sure that your monitor supports that resolution. If the set resolution is higher than the resolution of your monitor, nothing will appear on the monitor and you will not be able to access the menu. If this happens, however, connect the NVR to a lower resolution monitor, access the menu, and change the resolution.



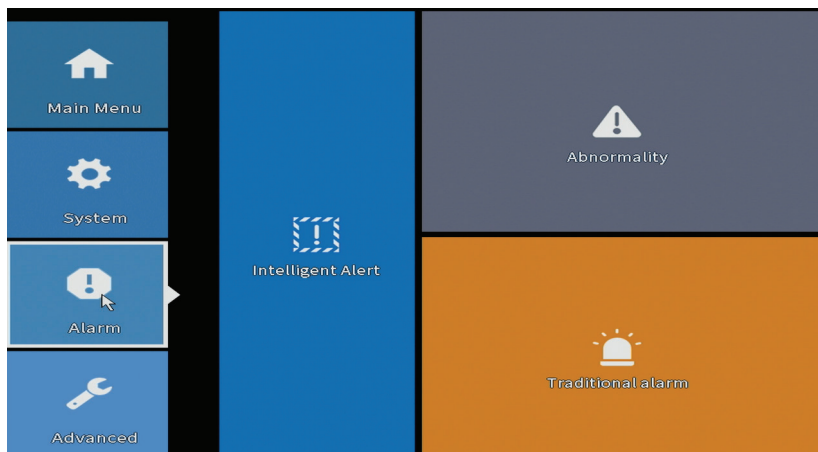
Account

The interface allows managing users who have access to the system, adding users, changing user rights, changing the password, creating user groups and setting an account security level by registering answers to certain predefined questions. In case of password reset, the verification code can be sent in the mobile application or at the set email address. To increase security, you can set a pattern for accessing the system.



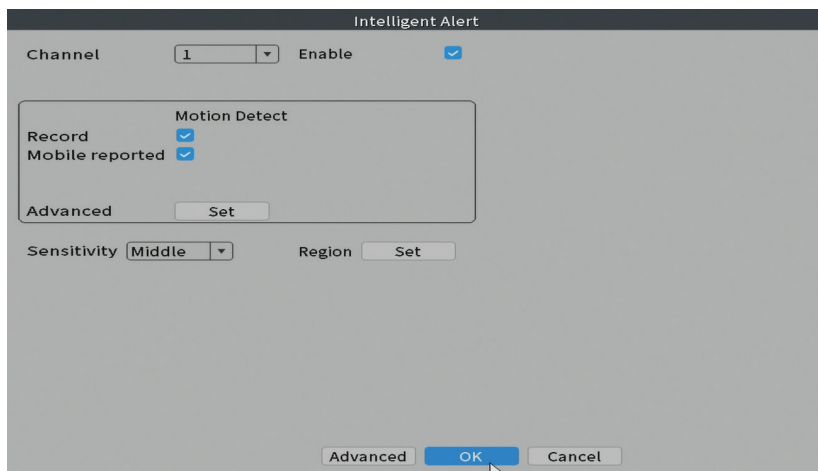
Alarm

Options: Intelligent Alert, Abnormality and Traditional alarm (No image, No video signal, etc.). Alarm input and Intelligent options are not available for this model.



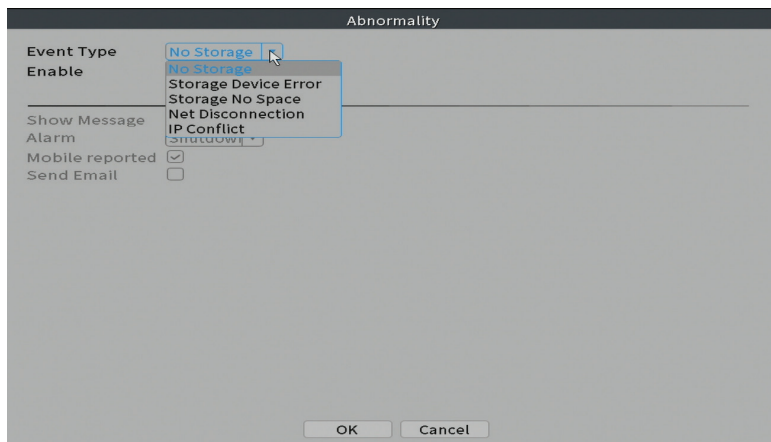
Intelligent Alert

Set the system behavior in case of motion detection: registration and / or notification in the application. Also set the level of sensitivity to movement and the area of action.



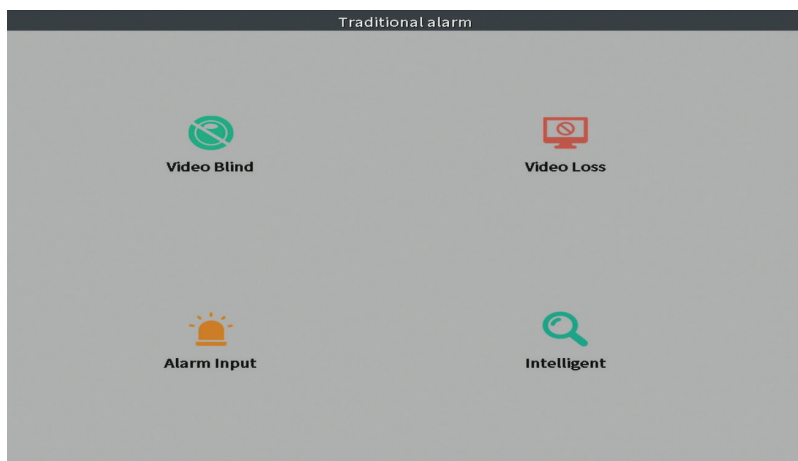
Abnormality

Set the system behavior in case of: storage device error, lack of space on the storage device, lack of internet connection or IP conflict. In such situations you can set to send a notification in the application or an email.



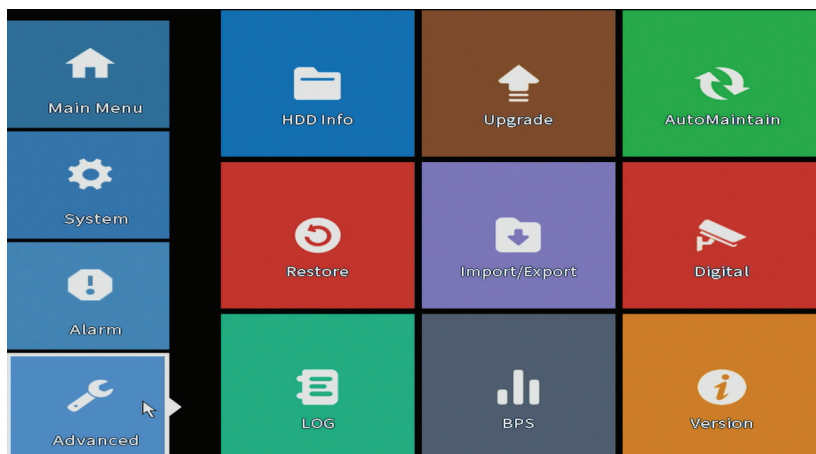
Traditional alarm

Set the system behavior in case of missing image or missing video signal. In such situations you can set to send a notification in the application or an email, start recording, make captures or save the alarm recording on an FTP server.



Advanced

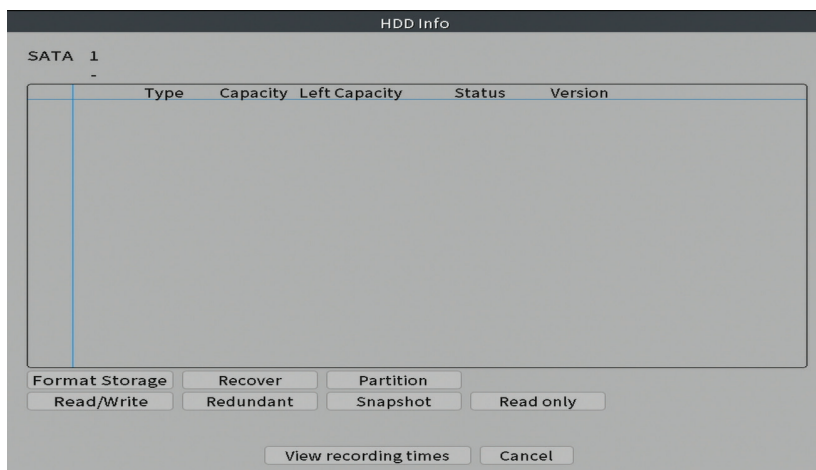
Options: HDD info, Upgrade, AutoMaintain, Restore, Import / Export, Digital, LOG, BPS and Version.



HDD info

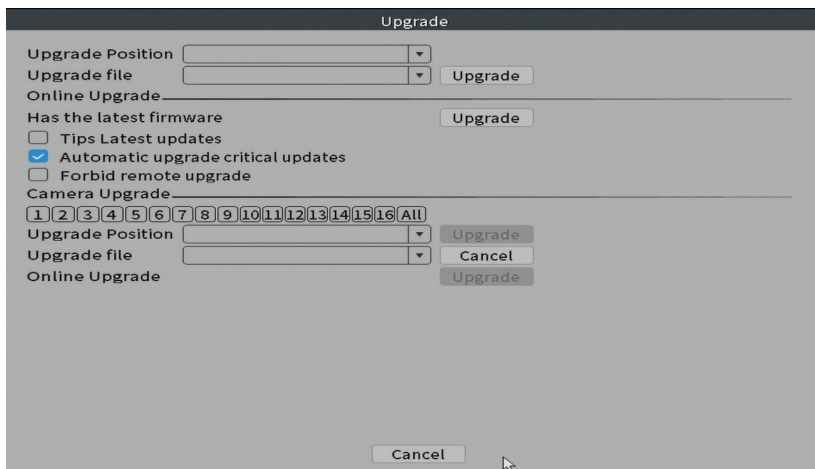
Set how the hard drive works (read-only or read-write).

Note: In order to save recordings to the hard disk, it must be set to read / write mode.



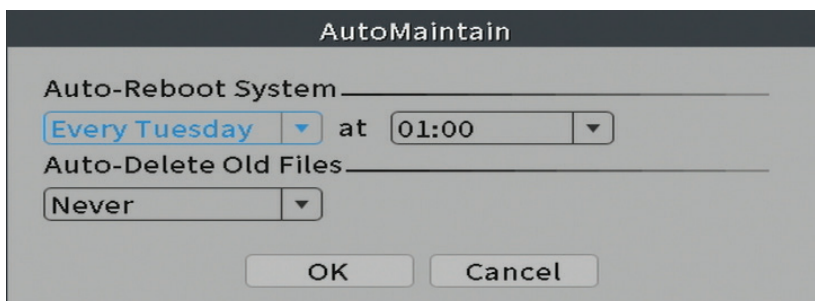
Upgrade

Insert a USB stick into the NVR that should contain the update file in the root folder. Select the storage drive and file from the NVR menu and click the **Upgrade** button.



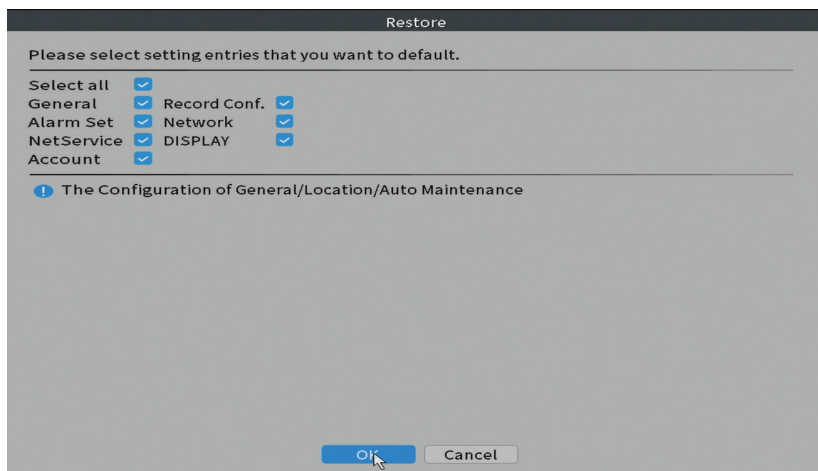
AutoMaintain

Set the system to restart on a certain day and time or set the automatic deletion of files older than a certain period.



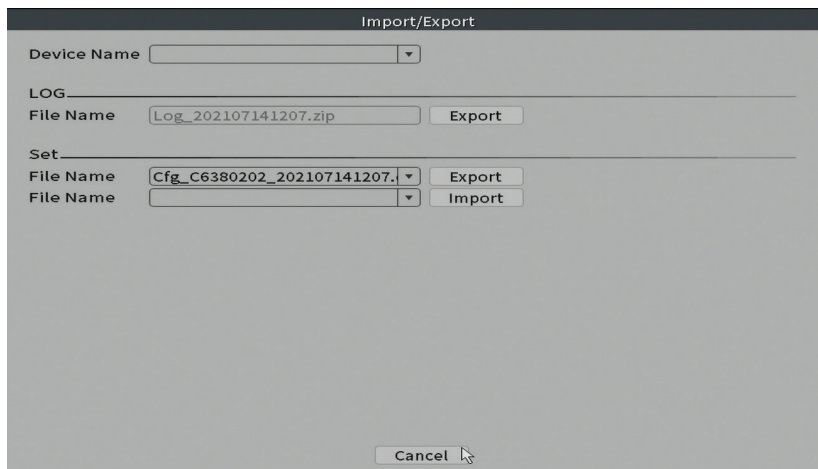
Restore

Select the options you want to reset.



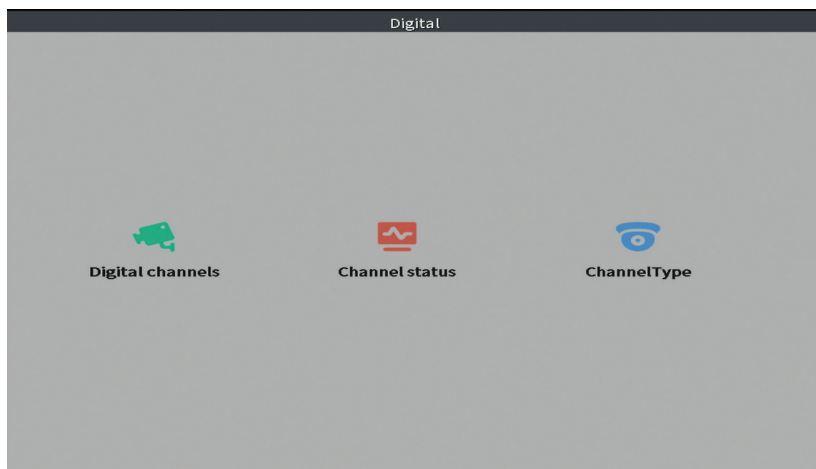
Import/Export

Export or import system settings.



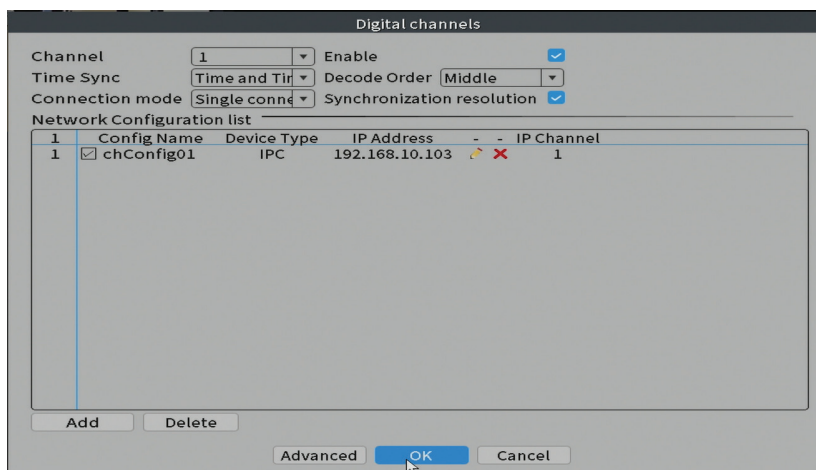
Digital

Options: Digital channels, Channel status and Channel Type.



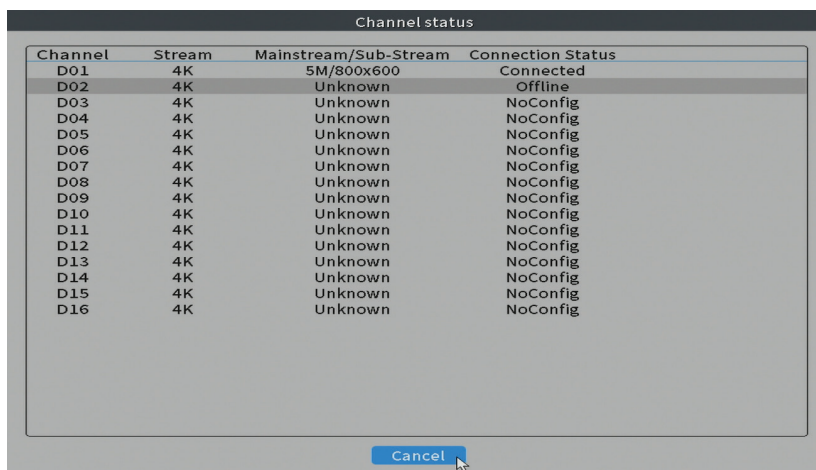
Digital channels

Add a camera on a specific channel. Click the **Add** button, then **Search** to find all the cameras connected in the same network (same router) with the NVR.



Channel status

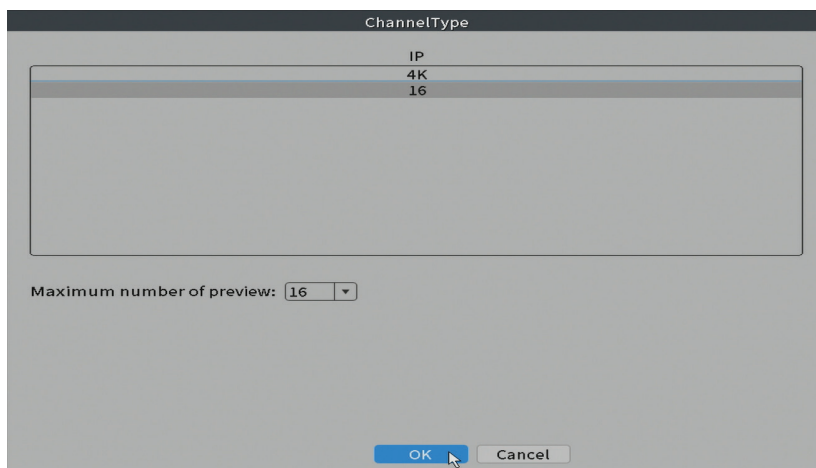
Displays the status (connected, unconnected or unconfigured) for all 16 channels.



Channel	Stream	Mainstream/Sub-Stream	Connection Status
D01	4K	5M/800x600	Connected
D02	4K	Unknown	Offline
D03	4K	Unknown	NoConfig
D04	4K	Unknown	NoConfig
D05	4K	Unknown	NoConfig
D06	4K	Unknown	NoConfig
D07	4K	Unknown	NoConfig
D08	4K	Unknown	NoConfig
D09	4K	Unknown	NoConfig
D10	4K	Unknown	NoConfig
D11	4K	Unknown	NoConfig
D12	4K	Unknown	NoConfig
D13	4K	Unknown	NoConfig
D14	4K	Unknown	NoConfig
D15	4K	Unknown	NoConfig
D16	4K	Unknown	NoConfig

Channel type

Displays the maximum number of cameras and the resolution of the cameras that can be connected to the system. The PNI IP716 NVR supports a maximum of 16 IP cameras with a maximum resolution of 4K.



ChannelType

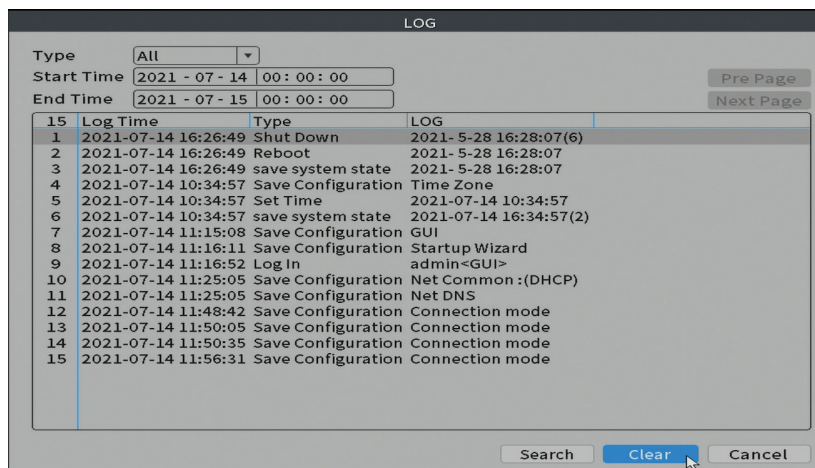
IP
4K
16

Maximum number of preview: 16 ▼

OK Cancel

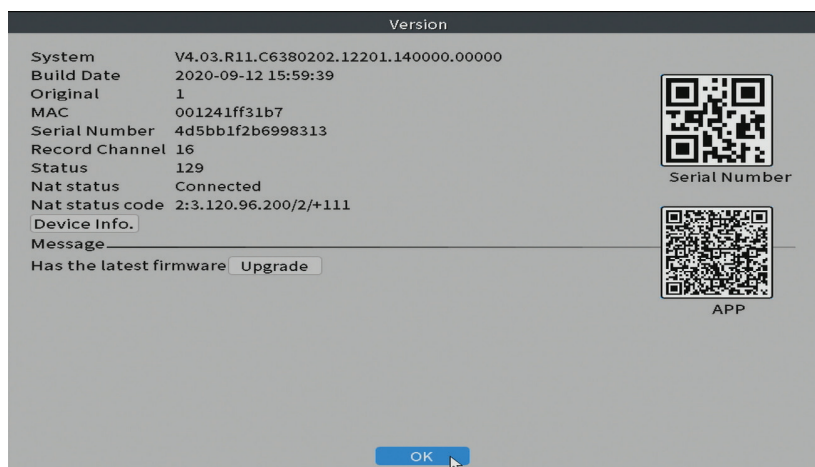
Log

Displays the history of actions performed in the system.



Version

Displays useful information about firmware and QR code with the system serial number (useful for adding it to the mobile application) and QR code for downloading the mobile application.



Other menu options

Right click on the screen to display additional options:

Channel Set, Record Mode, Playback, Face detection, IPC parameters, Color settings, Split menu, PTZ Control, Output adjust, NetDetect, Logout.



Channel set

The interface allows adding and managing the cameras added to the system.

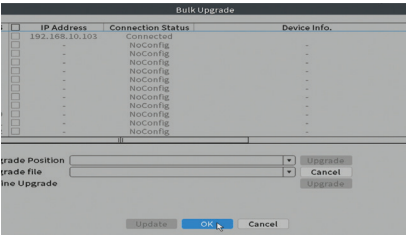
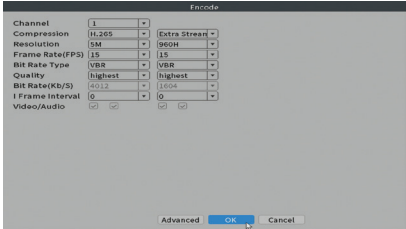
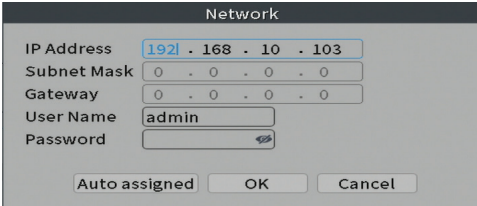
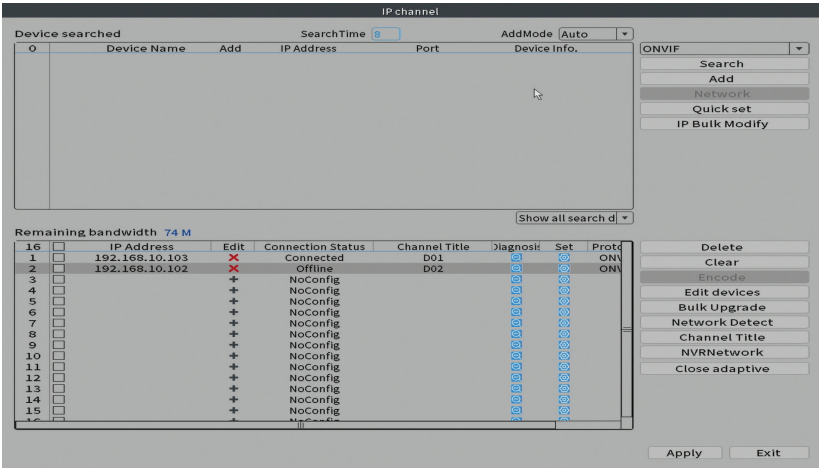
Add cameras interface

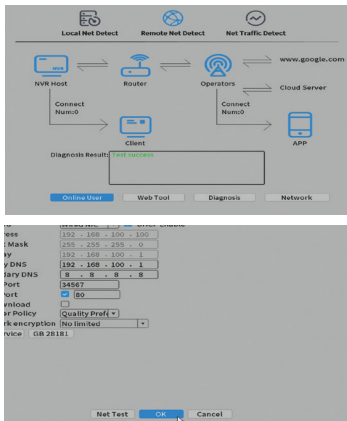
1. Select the communication protocol between the NVR and the cameras. Options: NETIP, ONVIF, Full Netcom.
2. **Search.** Press the Search key to search for cameras connected to the same router (same network) as the NVR.
3. **Add.** From the list of displayed cameras, select the desired cameras and click Add to add them to the system.
4. **Network.** Configure network parameters for cameras (IP address, gateway, etc.)
5. **Quick set.** Quick addition and configuration of cameras.
6. **IP Bulk Modify.** Quick change of IP to multiple cameras.

Channels interface

1. **Delete.** Delete the camera from the selected channel. Click **Apply** to run.
2. **Clear.** Delete the information on the selected channel. Click **Apply** to run.
3. **Encode.** Displays the technical parameters of the connected cameras (resolution, frame rate, video compression, quality, etc.).
4. **Edit devices.** Change IP and port for the selected channel.
5. **Bulk upgrade.** Firmware update for selected cameras.
6. **Network detect.** Cloud network and server testing and diagnostics.

7. **Channel title.** Rename cameras.
8. **NVR Network.** Configure NVR network parameters.
9. **Close adaptive.** Disables the IP adaptation function for the selected cameras.





Channel Title

Channel1	D01	Channel2	D02
Channel3	D03	Channel4	D04
Channel5	D05	Channel6	D06
Channel7	D07	Channel8	D08
Channel9	D09	Channel10	D10
Channel11	D11	Channel12	D12
Channel13	D13	Channel14	D14
Channel15	D15	Channel16	D16

OK Cancel

Close adaptive

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 All

Close adaptive Exit

Record mode

Set the recording mode (manual or programmed) for each channel.

Record Mode

Mode	All	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Schedule	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
Manual	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Stop	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

Extra Stream

Schedule	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Manual	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Stop	☐	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒

OK Cancel

Playback

Shortcut for accessing the search and playback interface of recordings.

Face detection

The interface is only available for cameras that support this feature.

Color settings

Adjust color parameters (brightness, contrast, saturation, etc.) for the camera viewing interface.

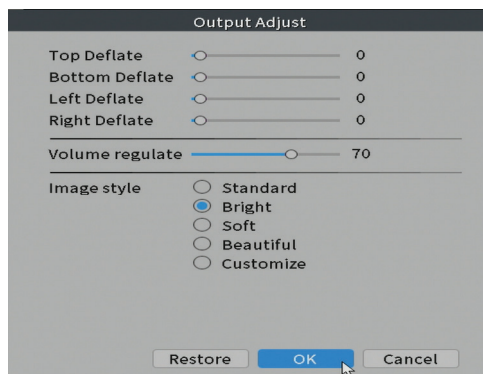


Split menu

Select how to display the cameras on the same screen. Options: display 1 camera, 2, 4, 6, 8, 9 or 16 cameras simultaneously.

Output Adjust

Set the volume and image.



Net Detect

1. Local Net Detect. Camera connection monitoring and diagnostics.

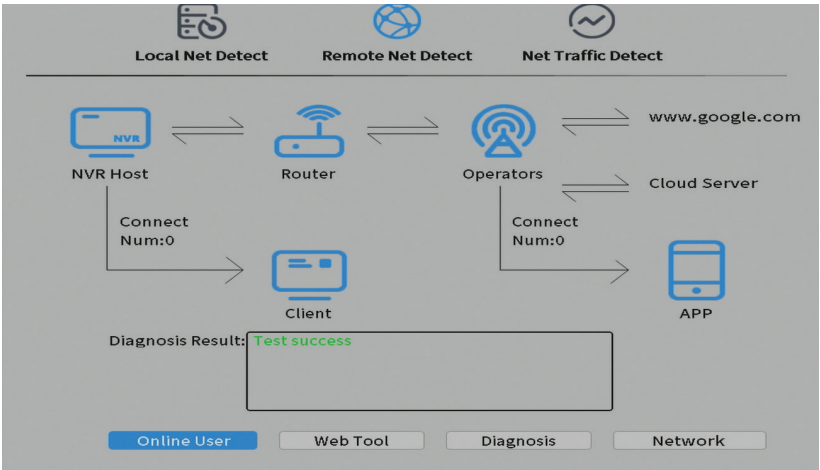
Local Net DetectRemote Net DetectNet Traffic Detect

Channel	Sender IP address	Drop-off in the past week	Diagnosis	De
1	192.168.10.103	0		
2	---	---		
3	---	---		
4	---	---		
5	---	---		
6	---	---		
7	---	---		
8	---	---		
9	---	---		
10	---	---		
11	---	---		
12	---	---		
13	---	---		
14	---	---		
15	---	---		
16	---	---		

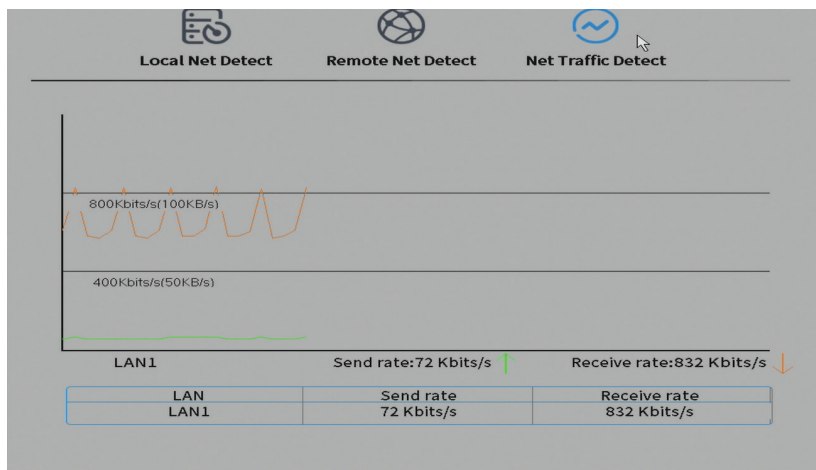
Enable ☒Reset Count

5

2. Remote Net Detect. Monitoring, diagnostics and configuration of network and Cloud server.

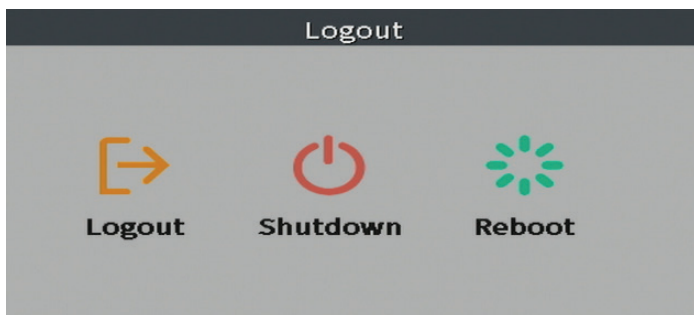


3. Net traffic Detect. Monitoring data traffic performed by NVR in the network.



Logout

Log out, shut down or restart the system.



Основни функции

- Едновременен многоканален запис в реално време, възпроизвеждане и конфигуриране от разстояние
- Поддържа до 16 канала с максимална разделителна способност 4K.
- Архивиране на USB флаш памет и външен твърд диск.
- Поддържа разпознаване на лица и човешка форма (в зависимост от камерата)
- Възможност за свързване на външен високоговорител .

Технически спецификации

Видео вход	16 x 4K (access bandwidth 72Mbps)
Видео изход	1 x VGA / 1 x HDMI
Компресия на видео	H.265AI/H.265+(съвместим H.265 / H.264)
Резолюция на възпроизвеждане	Максим 2K (2560 x 1440)
Аудио компресия	G.711A
Аудио изход	1 x 3.5mm
Режим на запис	Ръчно, аларма, откриване на движение, програмирано
USB	2 x USB2.0
HDD	1 x HDD SATA (Максим 14Tb)
ONVIF	Да
Захранващо напрежение	12V / 2A
Размери	255 x 210 x 45 mm
Работна температура	-26°C ~ +60°C

Инструкции за употреба

Инсталиране на модула за съхранение

Преди първата употреба, моля, инсталирайте модула за съхранение. Само един SATA HDD с максимален капацитет от 14TB може да бъде инсталиран в записващото устройство (HDD не е включен в пакета).

- Разхлабете винтовете и отворете корпуса на NVR
- Свържете кабелите за данни и фиксирайте твърдия диск с винтовете
- Затворете обратно корпуса на NVR
- Свържете захранващия и интернет кабела към NVR

Включете устройството

Включете захранващия кабел в контакт 230V. NVR ще стартира. Светодиодът на индикатора ще светне. По подразбиране на екрана ще се покажат 16 канала.

Ако времето за стартиране е в рамките на предварително зададения график за запис, функцията за запис ще стартира автоматично.

Бележки:

1. Проверете дали входното напрежение съответства на препоръчаното напрежение на устройството. Захранващото напрежение е $230V \pm 10\%$ / 50 Hz 2A.
2. Препоръчваме да използвате UPS устройство, за да предпазите устройството от колебания на напрежението.

Изключете устройството

Има два начина да изключите устройството.

1. Отворете главното меню (щракнете с десния бутон на екрана) и изберете опцията Изход - Изключване
2. Изключете захранването.

Специални предупреждения:

1. Рестартирайте след спиране на захранването. Ако устройството е

затворено необичайно, то създава резервно копие и се рестартира от това състояние след възстановяване на захранването.

2. Сменете батерията на системната платка. Преди да подмените батерията, трябва да направите резервно копие на системните настройки (вижте глава Advanced-Import / Export) и да изключите захранването. Времето и датата на устройството трябва да бъдат зададени отново след смяната на батерията. Препоръчваме ви да сменяте батерията всяка година.

Дистанционно управление на устройството

NVR може да се управлява локално или дистанционно както от смартфони, така и от компютри с операционна система Windows.

Операционна система	Приложение	Изтегли	
Android, iOS	XMEye		
		Android	iOS
Windows	General CMS	Инсталационният файл може да бъде изтеглен от компакт диска, включен в пакета, или от раздела за изтегляне на уеб страницата на продукта (www.pni.bg)	

Удостоверяване на системата

След включване на устройството влезте в системата.

По подразбиране потребителят на администратор е защитен с

парола от 1234. Ако паролата е въведена неправилно 5 пъти подред, акаунтът ще бъде блокиран. Чрез рестартиране на устройството или след половин час акаунтът ще бъде отключен автоматично.

Забележка: За сигурността на вашата система, моля, променете паролата след първото влизане.

Ръководство за бърза настройка

След стартиране на устройството ще стартира ръководството за бърза настройка.

Забележка: Препоръчваме да конфигурирате системата, преди да инсталирате NVR и камерите на крайното място.

Следвайте стъпки:

1. Задайте час, дата и часова зона.
2. Скоро на екрана ще се появи изскачащ прозорец с молба да промените паролата за удостоверяване в системата. Следвайте стъпките на екрана или натиснете клавиша ESC на NVR, за да излезете от интерфейса за настройка на паролата .

Забележка: За сигурността на вашата система препоръчваме да промените паролата след първото влизане в системата.

3. Задайте ръчно мрежовите параметри или активирайте DHCP опцията за автоматично изтегляне.
4. Сканирайте QR кода на екрана, за да инсталирате приложението XMEye на мобилния си телефон. Сканирайте QR кода със серийния номер, за да добавите системата към приложението.
5. Задайте опциите на дисплея и разделителната способност на монитора, свързан към NVR. Максимална поддържана разделителна способност 2560x1440 (2K) .

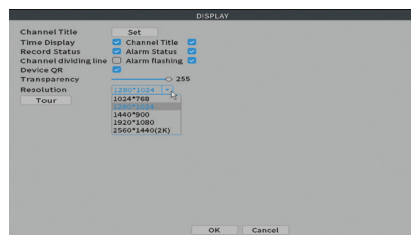
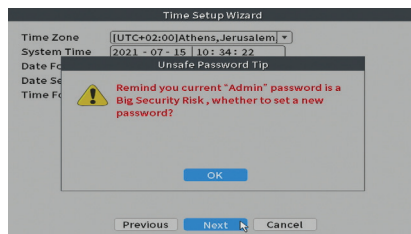
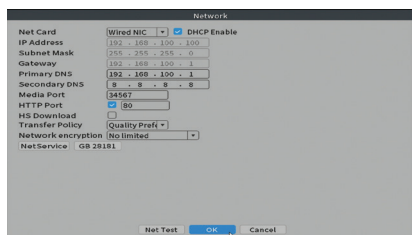
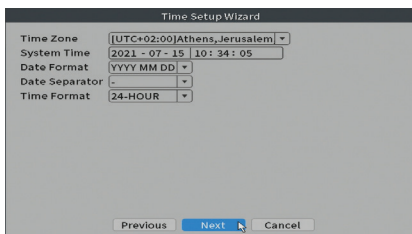
Забележка: Преди да промените разделителната способност, уверете се, че мониторът ви поддържа тази разделителна способност. Ако зададената разделителна способност е по-висока от разделителната способност на вашия монитор, на монитора няма да се появи нищо и няма да имате достъп до менюто. Ако това се случи обаче, свържете NVR към монитор с по-ниска разделителна способност, отворете менюто и променете разделителната способност .

6. Натиснете бутона ОК, за да завършите основната конфигурация

на системата.

- Щракнете с десния бутон върху екрана и отворете опцията NetDetect. Щракнете върху Diagnose, за да тествате мрежовата конфигурация .

Забележка: За да влязат в сила настройките, рестартирайте системата. Щракнете с десния бутон на екрана - Изход - Рестартиране.



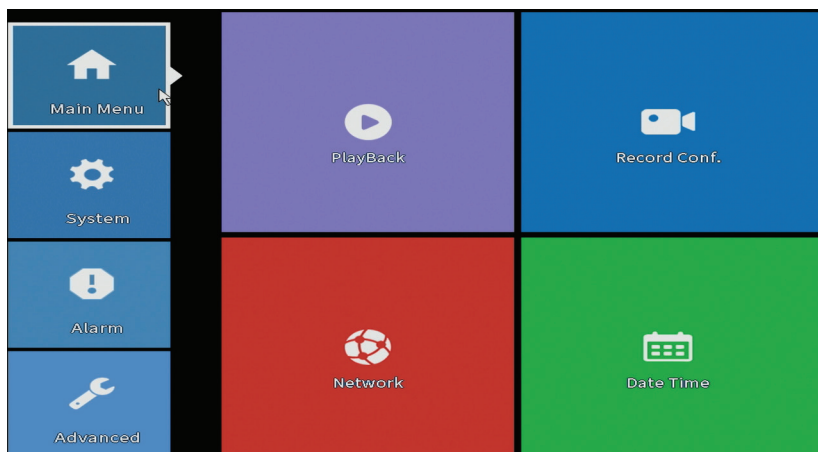
Менюто

В основния интерфейс за визуализация щракнете с десния бутон на мишката, за да влезете в менюто.



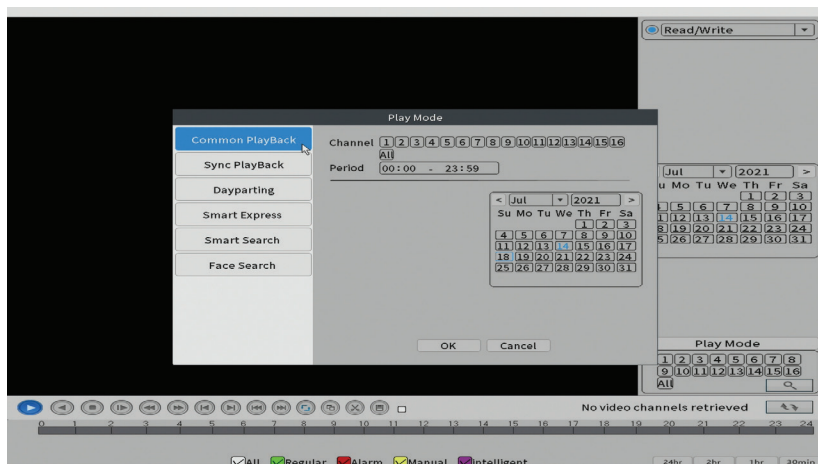
Main Menu (Главно меню)

Настройки: Playback, Record Conf, Network, Date Time.



Playback (Възпроизвеждане)

Системата предлага множество филтри и опции за идентифициране на желаните записи. Можете да търсите по номер на канал, дата и интервал от време или по тип файл.



Record Conf. (Конфигурация на записа)

Интерфейсът ви позволява да направите следните настройки: дължината на записващия файл, режимът на запис (програмиран или ръчен), периодът (ден и интервал от време) и видът на записа (нормално, детектиране на движение и аларма).

Record Conf.

Channel: Redundancy: ☐

Length: min

Mode: ☒ Schedule ☐ Manual ☐ Stop

Week:

	Regular	Detect	Alarm
Period 1: 00:00 - 24:00	☒	☒	☒
Period 2: 00:00 - 00:00	☐	☐	☐
Period 3: 00:00 - 00:00	☐	☐	☐
Period 4: 00:00 - 00:00	☐	☐	☐

Advanced Cancel

Network (Мрежа)

Задайте ръчно мрежовите параметри (IP адрес, шлюз, DNS, порт и т.н.) или проверете опцията DHCP за автоматично извличане на параметри. Забележка: За да влязат в сила настройките, рестартирайте системата. Щракнете с десния бутон върху екрана - Logout - Reboot.

Network

Net Card: DHCP Enable: ☒

IP Address:

Subnet Mask:

Gateway:

Primary DNS:

Secondary DNS:

Media Port:

HTTP Port: ☒

HS Download: ☐

Transfer Policy:

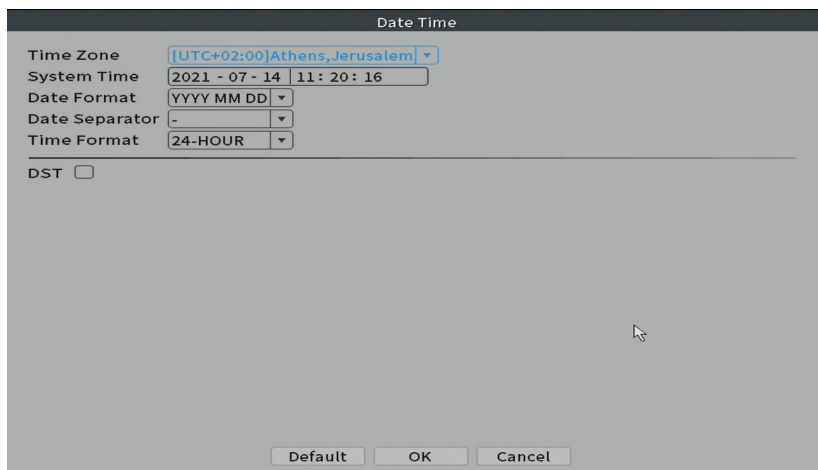
Network encryption:

NetService:

Net Test Cancel

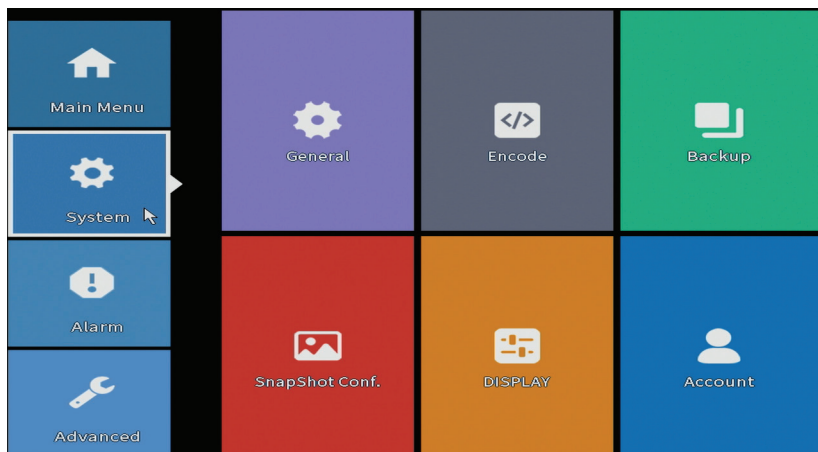
Date time (Дата и час)

Задайте часовата зона, датата, часа и формата.



System (Система)

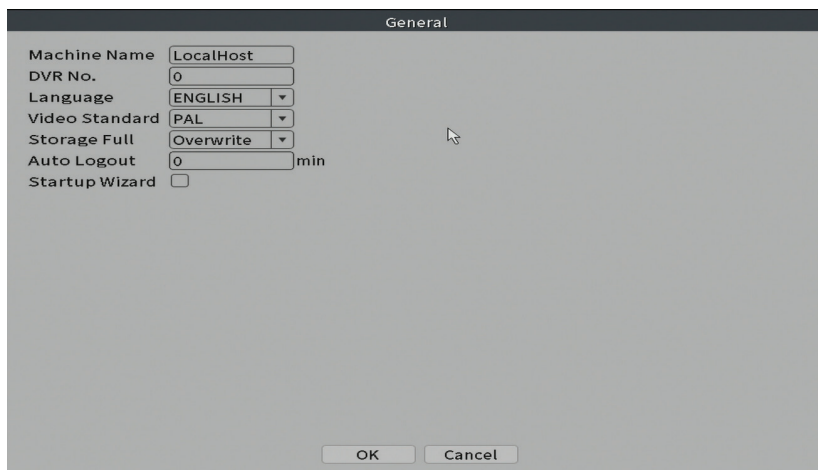
Настройки: General, Encode, Backup, Snapshot Config., Display, Account.



General (Общ)

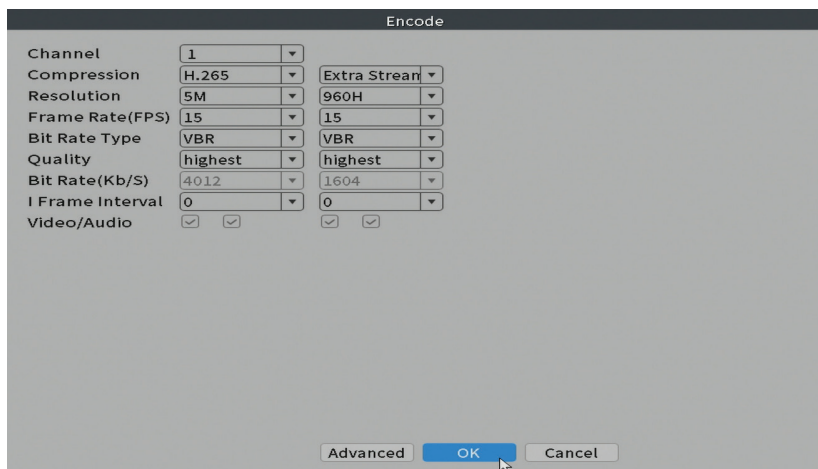
Интерфейсът ще позволи следните настройки: език на дисплея

на менюто, поведение в случай на пълен твърд диск (презапис или спиране на запис), продължителност на сесията и активиране / деактивиране на ръководството за бързо конфигуриране при стартиране на системата.



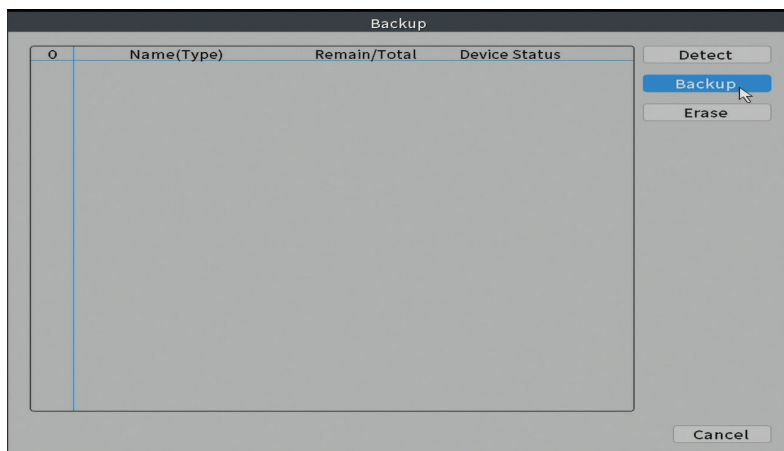
Encode (Кодиране)

Показва техническите параметри на свързаните камери (резолюция, честота на кадрите, видео компресия, качество и др.).



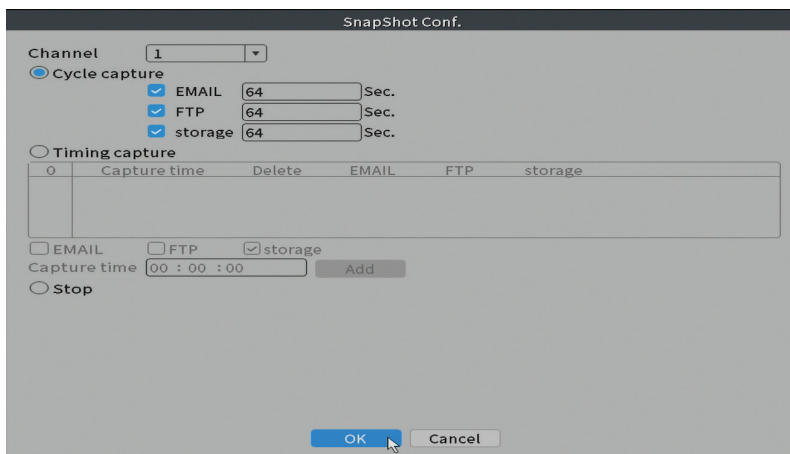
Backup (Архивиране)

USB паметта или външният твърд диск трябва да бъдат инсталирани в NVR, преди да стартирате архивирането. Натиснете бутона Detect, за да идентифицирате устройството за съхранение, след това бутона Backup, за да извършите архивирането.



Snapshot Config

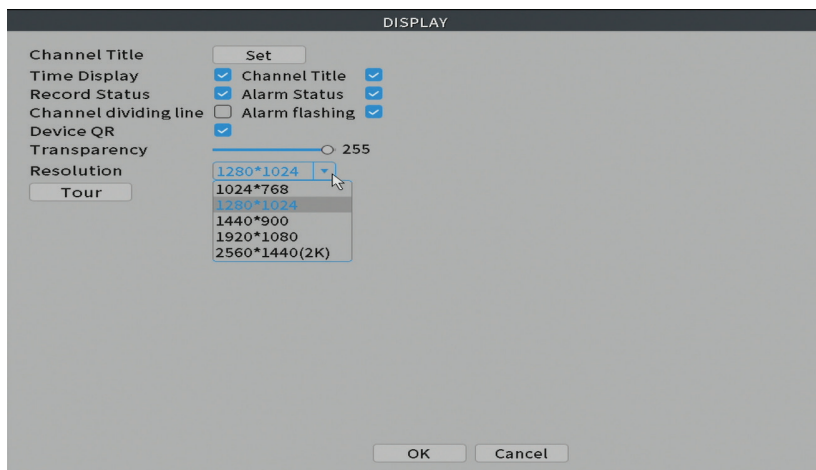
Настройте да правите циклични заснемания в определено време и да ги изпращате по имейл, FTP или да ги съхранявате на вашия твърд диск.



Display (Дисплей)

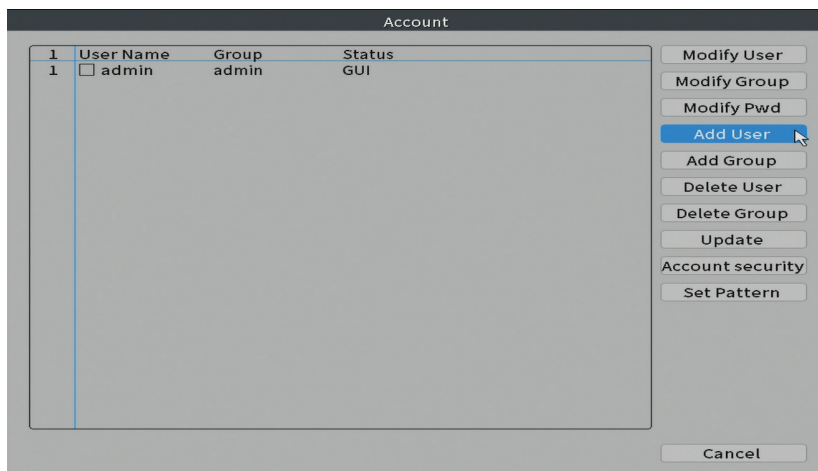
В режим на локален визуализация могат да се показват: време, име на канал, състояние на запис, състояние на аларма, прозрачност и разделителна способност на дисплея.

Забележка: Преди да промените разделителната способност, уверете се, че мониторът ви поддържа тази разделителна способност. Ако зададената разделителна способност е по-висока от разделителната способност на вашия монитор, на монитора няма да се появи нищо и няма да имате достъп до менюто. Ако това се случи обаче, свържете NVR към монитор с по-ниска разделителна способност, отворете менюто и променете разделителната способност.



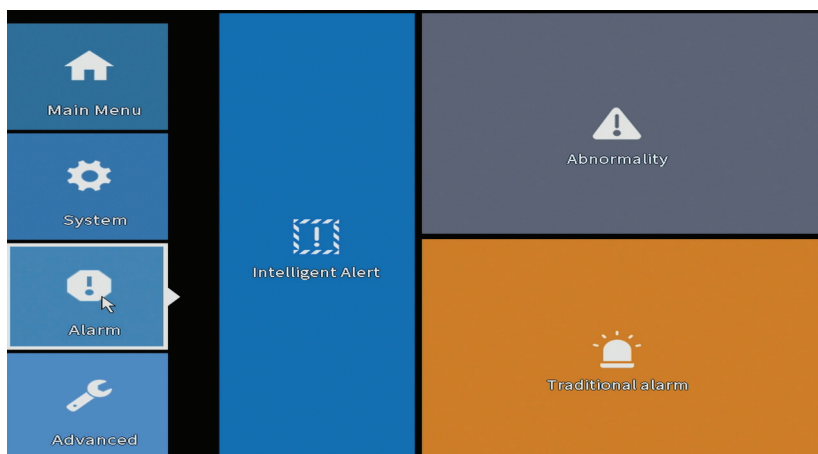
Account (Сметка)

Интерфейсът позволява управление на потребители, които имат достъп до системата, добавяне на потребители, промяна на потребителските права, промяна на паролата, създаване на потребителски групи и задаване на ниво на сигурност на акаунта чрез регистриране на отговори на определени предварително зададени въпроси. В случай на нулиране на паролата, кодът за проверка може да бъде изпратен в мобилното приложение или на зададения имейл адрес. За да увеличите сигурността, можете да зададете шаблон за достъп до системата.



Alarm (Аларма)

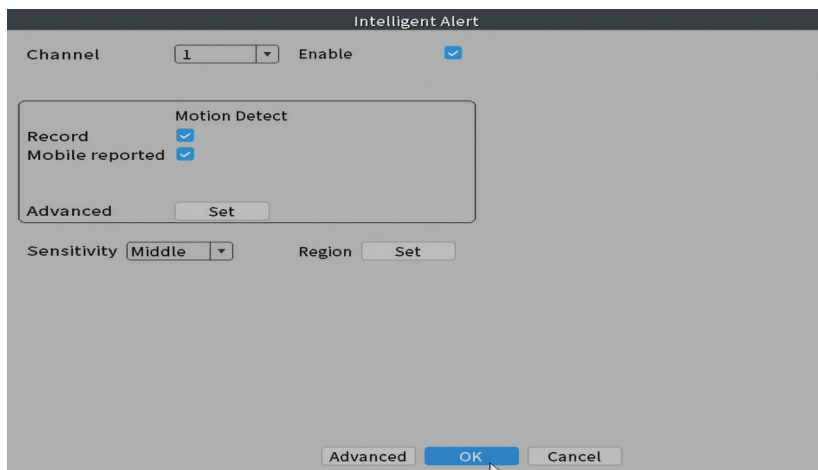
Настройки: Intelligent Alert, Abnormality и Traditional alarm (Няма изображение, няма видео сигнал и т.н.). Аларма и интелигентни опции не са налични за този модел.



Intelligent Alert (Интелигентна сигнализация)

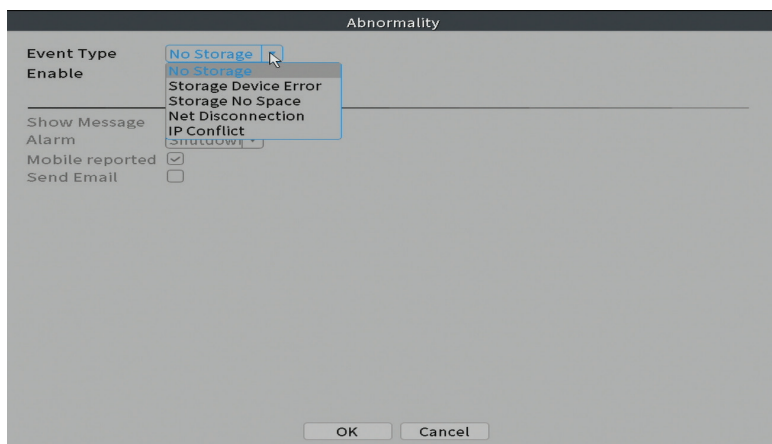
Задайте поведението на системата в случай на откриване на движение: регистрация и / или уведомяване в приложението. Също така задайте

нивото на чувствителност към движение и зоната на действие.



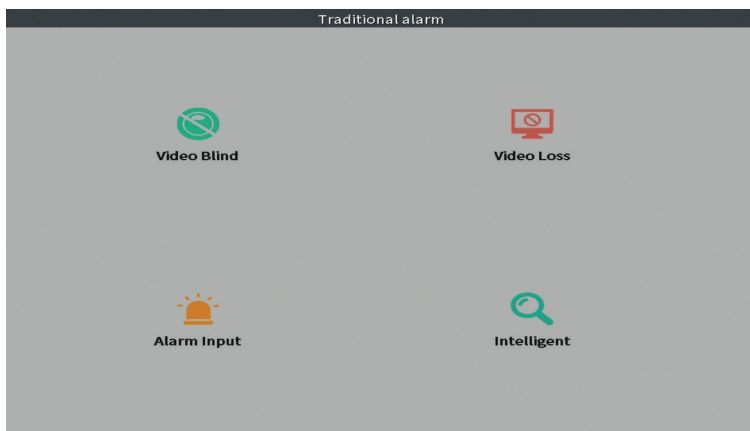
Abnormality (Ненормалност)

Задайте поведението на системата в случай на: грешка на устройството за съхранение, липса на място на устройството за съхранение, липса на интернет връзка или IP конфликт. В такива ситуации можете да настроите да изпращате известие в приложението или имейл.



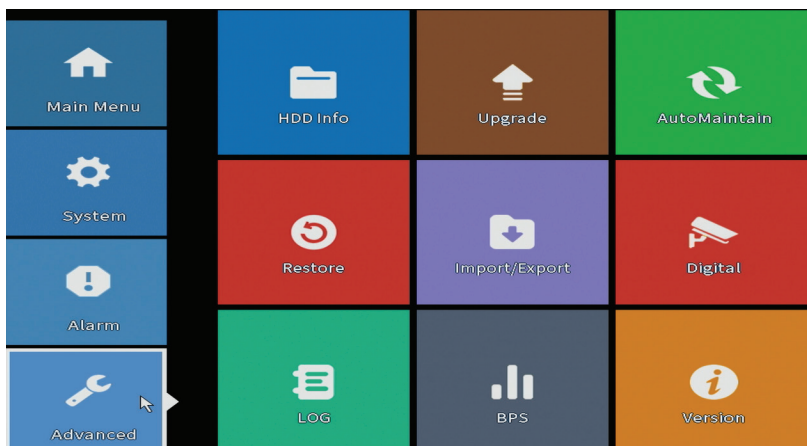
Traditional alarm (Традиционна аларма)

Задайте поведението на системата в случай на липсващо изображение или липсващ видео сигнал. В такива ситуации можете да настроите да изпращате известие в приложението или имейл, да стартирате запис, да правите заснемания или да записвате записа на алармата на FTP сървър.



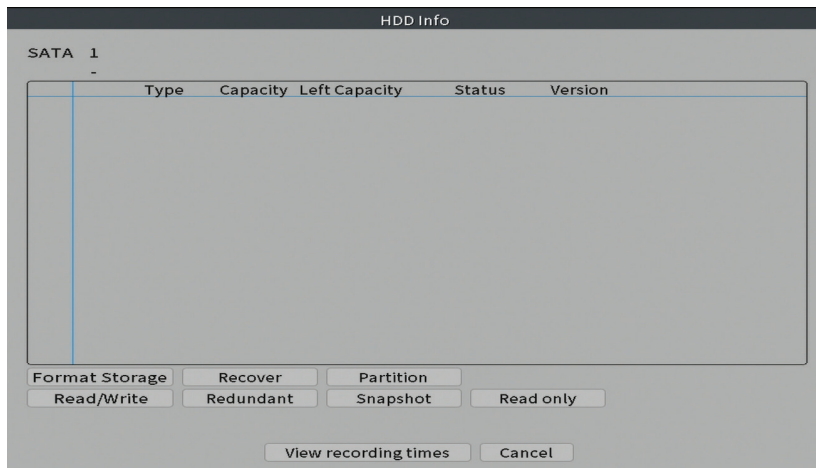
Advanced (Разширено)

Настройки: HDD info, Upgrade, AutoMaintain, Restore, Import / Export, Digital, LOG, BPS и Version.



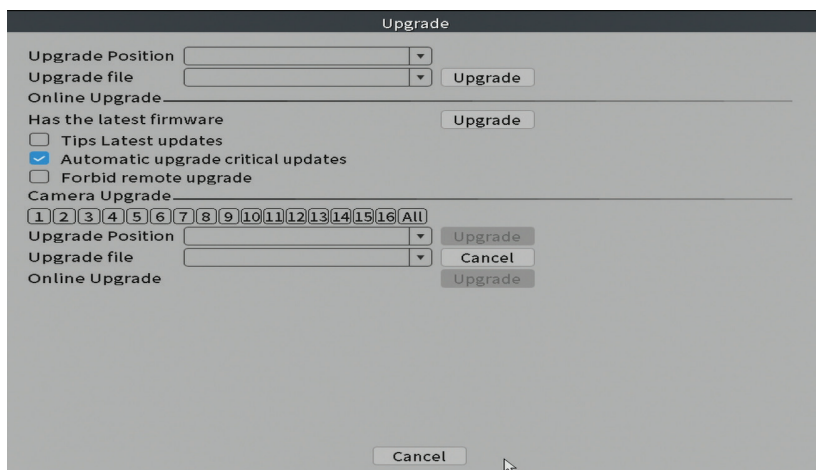
HDD info (Информация за HDD)

Задайте как работи твърдият диск (само за четене или за четене и запис).
Забележка: За да запишете записите на твърдия диск, той трябва да бъде настроен на режим на четене / запис.



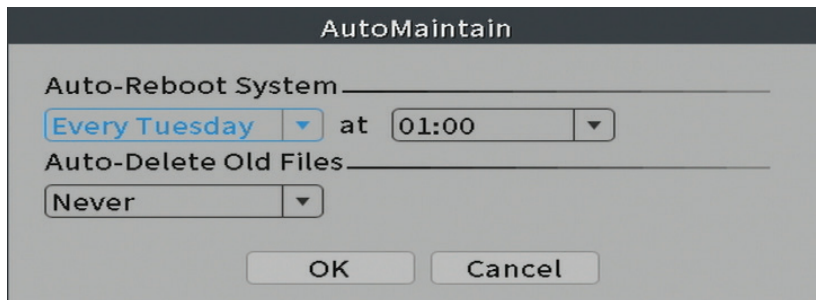
Upgrade (Подобряване на)

Поставете USB стик в NVR, който трябва да съдържа файла за актуализация в основната папка. Изберете устройството за съхранение и файла от менюто на NVR и щракнете върху бутона Upgrade.



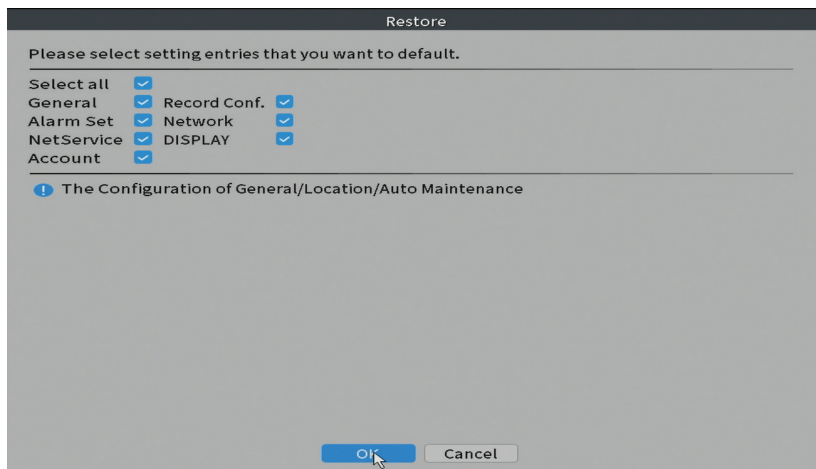
AutoMaintain

Настройте системата да се рестартира в определен ден и час или задайте автоматичното изтриване на файлове, по-стари от определен период.



Restore (Нулиране)

Изберете опциите, които искате да нулирате.



Import/Export (Внос износ)

Експортиране или импортиране на системни настройки.

Import/Export

Device Name

LOG

File Name

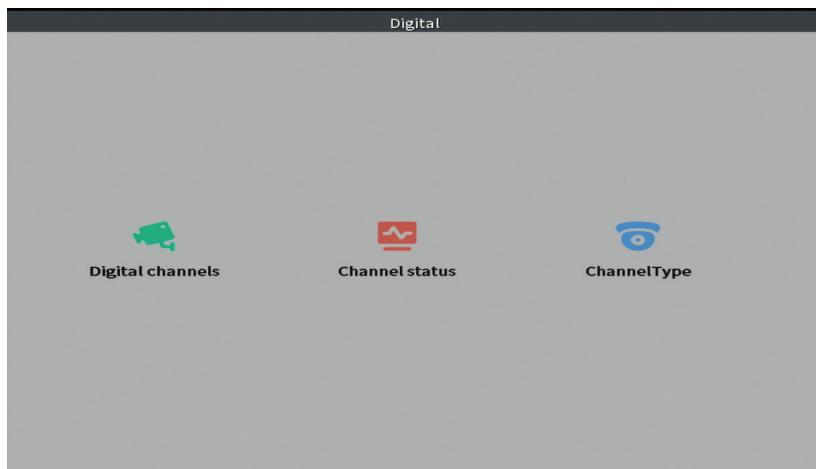
Set

File Name

File Name

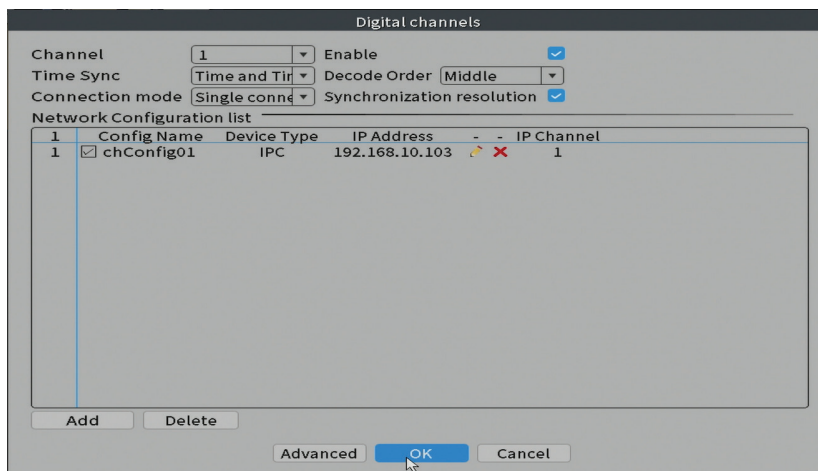
Digital (Дигитален)

Настройки: Digital channels, Channel status и Channel Type.



Digital channels (Цифрови канали)

Добавете камера към определен канал. Щракнете върху бутона Добавяне, след това Търсене, за да намерите всички камери, свързани в една и съща мрежа (един и същ рутер) с NVR.



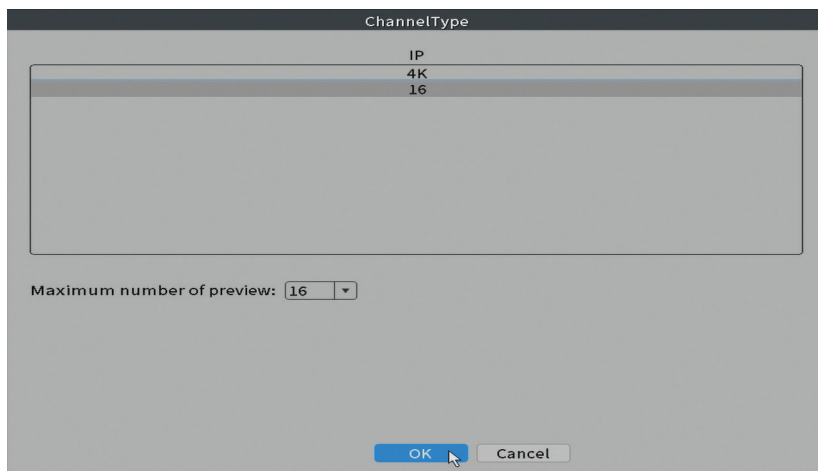
Channel status (Състояние на канала)

Показва състоянието (свързано, несвързано или неконфигурирано) за всички 16 канала.

Channel	Stream	Mainstream/Sub-Stream	Connection Status
D01	4K	5M/800x600	Connected
D02	4K	Unknown	Offline
D03	4K	Unknown	NoConfig
D04	4K	Unknown	NoConfig
D05	4K	Unknown	NoConfig
D06	4K	Unknown	NoConfig
D07	4K	Unknown	NoConfig
D08	4K	Unknown	NoConfig
D09	4K	Unknown	NoConfig
D10	4K	Unknown	NoConfig
D11	4K	Unknown	NoConfig
D12	4K	Unknown	NoConfig
D13	4K	Unknown	NoConfig
D14	4K	Unknown	NoConfig
D15	4K	Unknown	NoConfig
D16	4K	Unknown	NoConfig

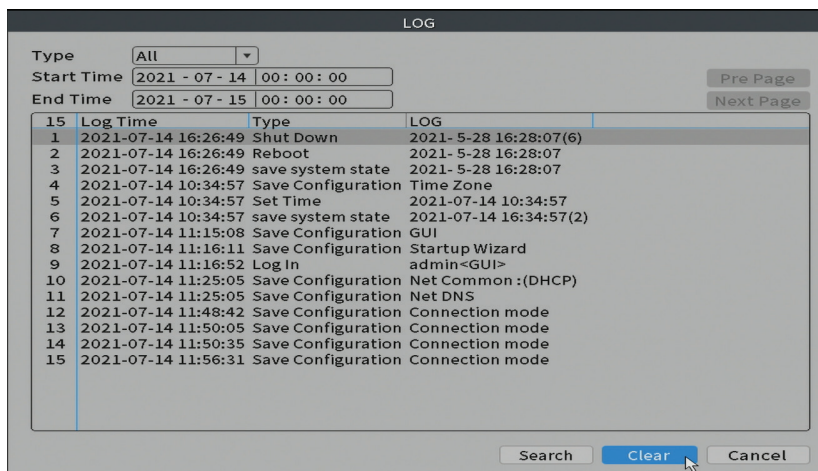
Channel Type (Тип канал)

Показва максималния брой камери и разделителната способност на камерите, които могат да бъдат свързани към системата. PNI IP716 NVR поддържа максимум 16 IP камери с максимална разделителна способност 4K.



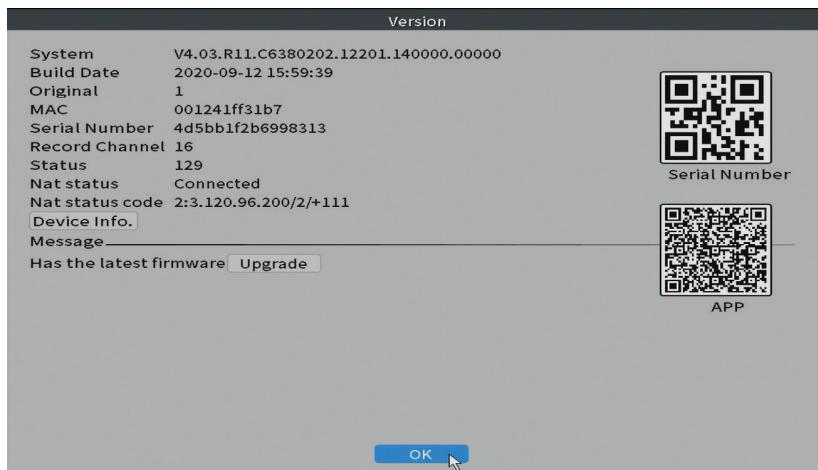
Log (Исторически)

Показва историята на действията, извършени в системата.



Version (Версия)

Показва полезна информация за фирмуера и QR кода със системния сериен номер (полезен за добавянето му към мобилното приложение) и QR кода за изтегляне на мобилното приложение.



Други опции на менюто

Щракнете с десния бутон на екрана, за да се покажат допълнителни опции:

Channel Set, Record Mode, Playback, Face detection, IPC parameters, Color settings, Split menu, PTZ Control, Output adjust, NetDetect, Logout.



Channel set (Каналът е зададен)

Интерфейсът позволява добавяне и управление на камерите, добавени към системата.

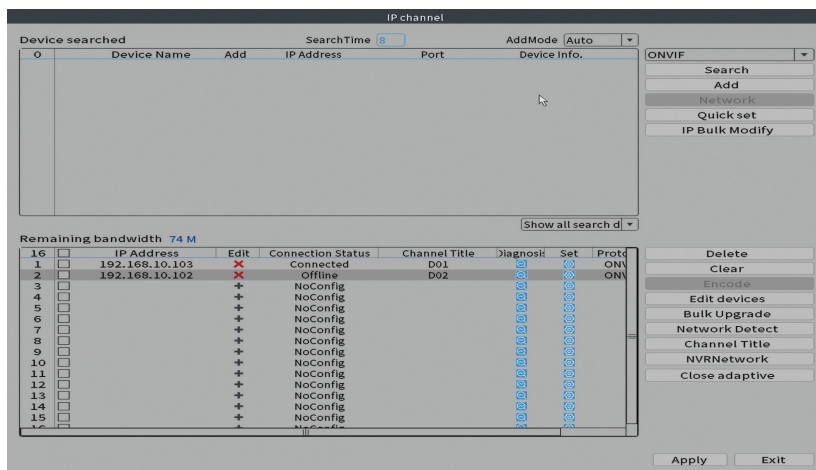
Добавете интерфейс на камери

1. Изберете протокола за комуникация между NVR и камерите. Настройки: NETIP, ONVIF, Full Netcom.
2. **Search.** Натиснете клавиша за търсене, за да търсите камери, свързани към същия рутер (същата мрежа) като NVR.

3. **Add.** От списъка с показани камери изберете желаните камери и щракнете върху Добави, за да ги добавите в системата.
4. **Network.** Конфигуриране на мрежови параметри за камери (IP адрес, шлюз и др.)
5. **Quick set.** Бързо добавяне и конфигуриране на камери.
6. **IP Bulk Modify.** Бърза смяна на IP към множество камери.

Интерфейс на каналите

1. **Delete.** Изтрийте камерата от избрания канал. Щракнете върху Приложи, за да стартирате.
2. **Clear.** Изтрийте информацията от избрания канал. Щракнете върху Приложи, за да стартирате.
3. **Encode.** Показва техническите параметри на свързаните камери (резолюция, честота на кадрите, видео компресия, качество и др.).
4. **Edit devices.** Променете IP и порт за избрания канал.
5. **Bulk upgrade.** Актуализация на фърмуера за избрани камери.
6. **Network detect.** Тестване и диагностика на облачна мрежа и сървър.
7. **Channel title.** Преименувайте камерите.
8. **NVR Network.** Конфигурирайте мрежовите параметри на NVR.
9. **Close adaptive.** Деактивира функцията за IP адаптация за избраните камери.



Network

IP Address . . .

Subnet Mask . . .

Gateway . . .

User Name

Password

Encode

Channel

Compression

Resolution

Frame Rate(FPS)

Bit Rate Type

Quality

Bit Rate(Kb/s)

I Frame Interval

Video/Audio ☐ ☐ ☐ ☐

Edit devices

Device Type Protocol

IP Channel

Device address

Port

User Name Password

Bulk Upgrade

IP Address	Connection Status	Device Info.
192.168.10.103	Connected	
-	NoConfig	-
-	NoConfig	-
-	NoConfig	-
-	NoConfig	-
-	NoConfig	-
-	NoConfig	-
-	NoConfig	-
-	NoConfig	-
-	NoConfig	-

grade Position

grade file

line Upgrade

Local Net Detect Remote Net Detect Net Traffic Detect

NVR Host Router Operators Cloud Server

Connect Num0 Connect Num0

Client APP

Diagnosis Result

Net Test

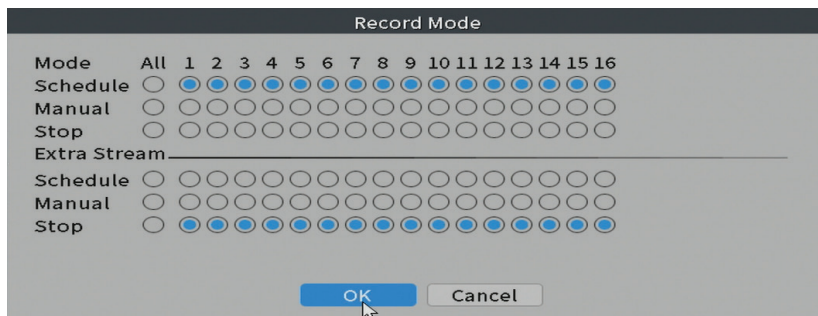
Channel Title

Channel1	D01	abc	Channel2	D02
Channel3	D03	Channel4	Channel4	D04
Channel5	D05	Channel6	D06	
Channel7	D07	Channel8	D08	
Channel9	D09	Channel10	D10	
Channel11	D11	Channel12	D12	
Channel13	D13	Channel14	D14	
Channel15	D15	Channel16	D16	

Close adaptive

Record mode (Режим на запис)

Задайте режим на запис (ръчен или програмиран) за всеки канал.



Playback (Възпроизвеждане)

Преки пътища за достъп до интерфейса за търсене и възпроизвеждане на записи.

Face detection (Разпознаване на лица)

Интерфейсът е достъпен само за камери, които поддържат тази функция.

Color settings (Настройките на цвета)

Регулирайте цветовите параметри (яркост, контраст, наситеност и др.) За интерфейса за гледане на камерата.



Split menu (Разделено меню)

Изберете как да се показват камерите на същия екран. Настройки: покажете едновременно 1 камера, 2, 4, 6, 8, 9 или 16 камери.

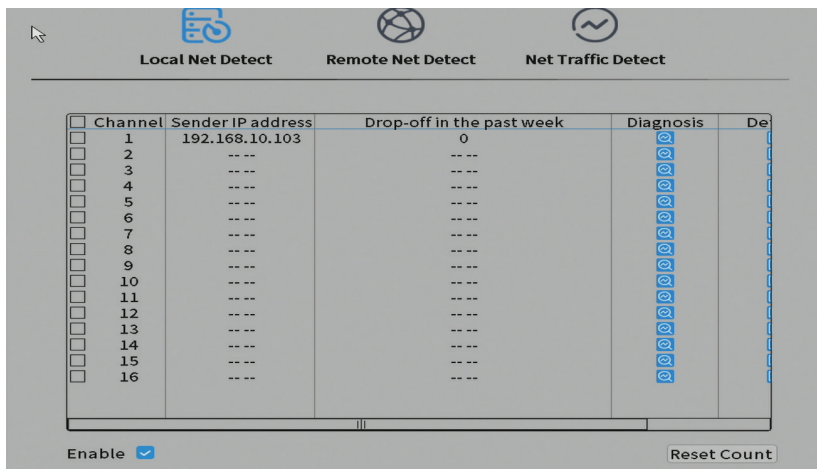
Исходна настройка

Задайте силата на звука и изображението.

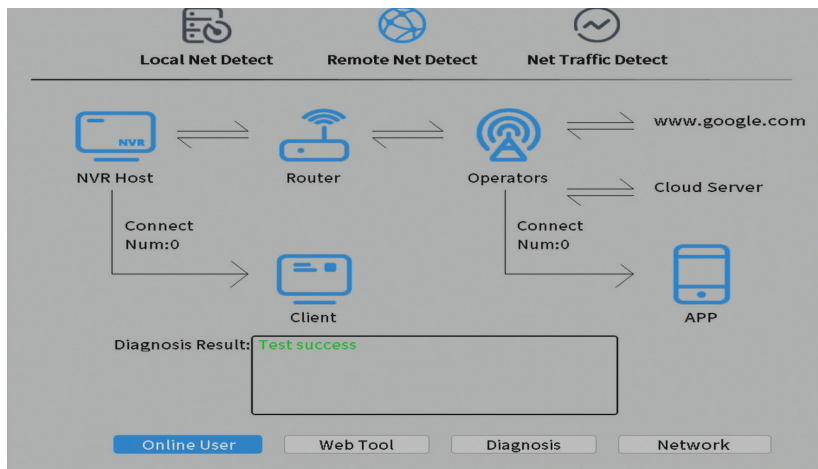


Net Detect

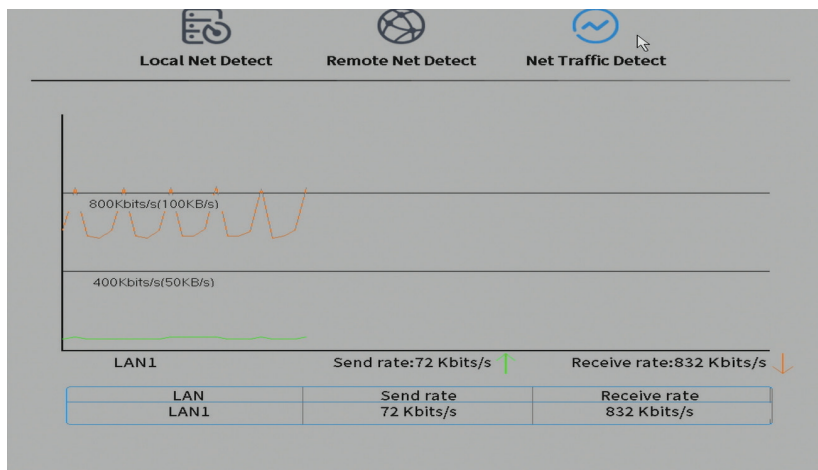
1. Local Net Detect. Наблюдение и диагностика на връзката на камерата.



2. Remote Net Detect. Мониторинг, диагностика и конфигуриране на мрежа и облачен сървър.



3. Net traffic Detect. Мониторинг на трафика на данни, извършван от NVR в мрежата.



Logout (Излез от профила си)

Излезте, изключете или рестартирайте системата.

Hauptfunktionen

- Gleichzeitige Echtzeit-Mehrkanalaufzeichnung, Remote-Wiedergabe und -Konfiguration
- Unterstützt bis zu 16 Kanäle mit einer maximalen 4K-Auflösung.
- Backup auf USB-Flash-Speicher und externer Festplatte.
- Unterstützt die Erkennung von Gesichtern und menschlichen Formen (je nach Kamera)
- Möglichkeit zum Anschluss externer Lautsprecher.

Technische Spezifikationen

Video Eingang	16 x 4K (access bandwidth 72Mbps)
Video-Ausgang	1 x VGA / 1 x HDMI
Video-Kompression	H.265AI/H.265+ (kompatibel mit H.265/H.264)
Wiedergabeauflösung	Maxim 2K (2560 x 1440)
Audiokomprimierung	G.711A
Audioausgang	1 x 3,5 mm
Aufnahmemodus	Manuell, Alarm, Bewegungserkennung, programmiert
USB	2 x USB2.0
HDD	1 x HDD SATA (max. 14 TB)
ONVIF	Ja
Netzspannung	12V / 2A
Maße	255 x 210 x 45 mm
Arbeitstemperatur	-26°C ~ +60°C

Gebrauchsanweisung

Einbau der Speichereinheit

Bitte installieren Sie vor dem ersten Gebrauch die Speichereinheit. In der Aufnahmeeinheit kann nur eine SATA-Festplatte mit einer maximalen Kapazität von 14 TB installiert werden (Festplatte ist nicht im Lieferumfang enthalten).

- Lösen Sie die Schrauben und öffnen Sie das NVR-Gehäuse
- Schließen Sie die Datenkabel an und befestigen Sie die Festplatte mit den Schrauben
- Schließen Sie das NVR-Gehäuse wieder
- Verbinden Sie das Strom- und Internetkabel mit dem NVR

Schalten Sie das Gerät ein

Stecken Sie das Netzkabel in eine 230V-Steckdose. Der NVR wird gestartet. Die Anzeige-LED leuchtet auf. Standardmäßig werden 16 Kanäle auf dem Bildschirm angezeigt.

Wenn die Startzeit innerhalb des voreingestellten Aufnahmezeitplans liegt, startet die Aufnahmefunktion automatisch.

Anmerkungen:

1. Prüfen Sie, ob die Eingangsspannung der empfohlenen Spannung des Geräts entspricht. Die Versorgungsspannung beträgt $230V \pm 10\%$ / 50 Hz 2A.
2. Wir empfehlen die Verwendung eines USV-Geräts, um das Gerät vor Spannungsschwankungen zu schützen.

Schalten Sie das Gerät aus

Es gibt zwei Möglichkeiten, das Gerät auszuschalten.

1. Rufen Sie das Hauptmenü auf (Rechtsklick auf den Bildschirm) und wählen Sie die Option Abmelden - Herunterfahren
2. Schalten Sie die Stromversorgung aus.

Besondere Warnhinweise:

1. Neustart nach Stromausfall. Wenn das Gerät abnormal geschlossen wird, erstellt es ein Backup und startet von diesem Status aus neu, nachdem die Stromversorgung wiederhergestellt wurde.
2. Ersetzen Sie die Batterie auf der Systemplatine. Vor dem Batteriewechsel müssen Sie Ihre Systemeinstellungen sichern (siehe Kapitel Advanced-Import / Export) und die Stromversorgung ausschalten. Nach dem Batteriewechsel müssen Uhrzeit und Datum des Geräts neu eingestellt werden. Wir empfehlen, die Batterie jedes Jahr auszutauschen.

Fernbedienung des Geräts

Der NVR kann lokal oder aus der Ferne sowohl von Smartphones als auch von Computern mit Windows-Betriebssystem gesteuert werden.

Betriebssystem	Anwendung	Herunterladen	
Android, iOS	XMEye		
		Android	iOS
Windows	General CMS	Die Installationsdatei kann von der im Paket enthaltenen CD oder aus dem Download-Bereich auf der Produktwebseite (www.mypni.de) heruntergeladen werden.	

Systemauthentifizierung

Melden Sie sich nach dem Einschalten des Geräts am System an. Standardmäßig ist der Admin-Benutzer durch 1234 passwortgeschützt. Wenn das Passwort 5 Mal hintereinander falsch eingegeben wird, wird das Konto gesperrt. Durch Neustart des Gerätes oder nach einer halben Stunde wird der Account automatisch entsperrt.

Hinweis: Bitte ändern Sie zur Sicherheit Ihres Systems das Passwort nach der ersten Anmeldung.

Kurzanleitung zur Einrichtung

Nach dem Starten des Geräts wird die Kurzanleitung zur Einrichtung gestartet.
Hinweis: Wir empfehlen, das System zu konfigurieren, bevor Sie den NVR und die

Kameras am endgültigen Standort installieren.

Schritte zum folgen:

1. Stellen Sie Uhrzeit, Datum und Zeitzone ein.
2. Bald erscheint auf dem Bildschirm ein Popup-Fenster, in dem Sie aufgefordert werden, das Authentifizierungskennwort im System zu ändern. Befolgen Sie die Schritte auf dem Bildschirm oder drücken Sie die ESC-Taste auf dem NVR, um die Passwordeinstellungsoberfläche zu verlassen.

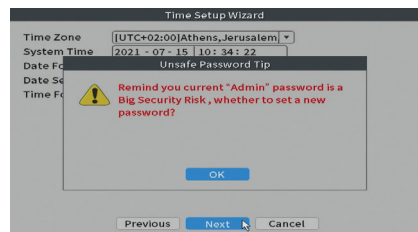
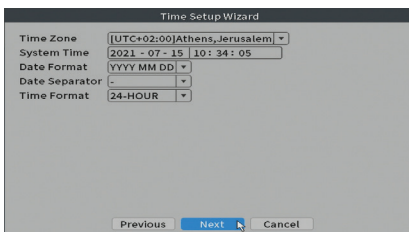
Hinweis: Zur Sicherheit Ihres Systems empfehlen wir, das Passwort nach der ersten Anmeldung am System zu ändern .

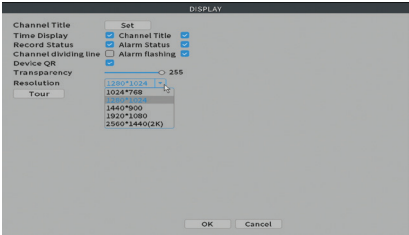
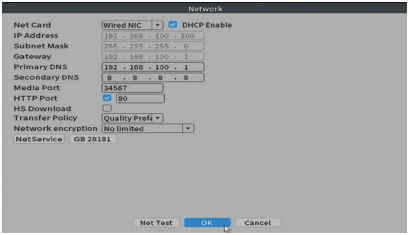
3. Stellen Sie die Netzwerkparameter manuell ein oder aktivieren Sie die DHCP-Option für den automatischen Download.
4. Scannen Sie den QR-Code auf dem Bildschirm, um die XMEye-Anwendung auf Ihrem Mobiltelefon zu installieren. Scannen Sie den QR-Code mit der Seriennummer, um das System zur Anwendung hinzuzufügen.
5. Stellen Sie die Anzeigeeoptionen und die Auflösung des an den NVR angeschlossenen Monitors ein. Maximal unterstützte Auflösung 2560x1440 (2K) .

Hinweis: Stellen Sie vor dem Ändern der Auflösung sicher, dass Ihr Monitor diese Auflösung unterstützt. Wenn die eingestellte Auflösung höher als die Auflösung Ihres Monitors ist, wird nichts auf dem Monitor angezeigt und Sie können nicht auf das Menü zugreifen. Wenn dies jedoch passiert, schließen Sie den NVR an einen Monitor mit niedrigerer Auflösung an, rufen Sie das Menü auf und ändern Sie die Auflösung .

6. Drücken Sie die OK-Taste, um die grundlegende Systemkonfiguration abzuschließen.
7. Klicken Sie mit der rechten Maustaste auf den Bildschirm und greifen Sie auf die Option NetDetect zu. Klicken Sie auf Diagnose, um die Netzwerkkonfiguration zu testen .

Hinweis: Starten Sie das System neu, damit die Einstellungen wirksam werden. Rechtsklick auf den Bildschirm - Logout - Reboot.





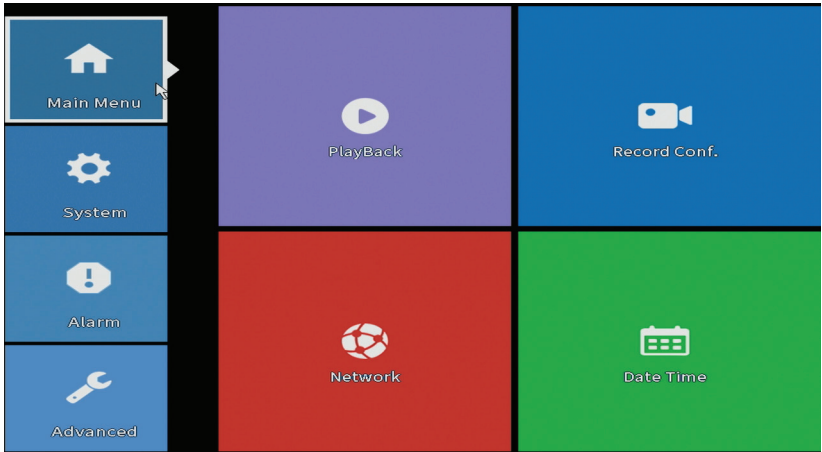
Das Menü

Klicken Sie in der Hauptvorschauoberfläche mit der rechten Maustaste, um auf das Menü zuzugreifen.



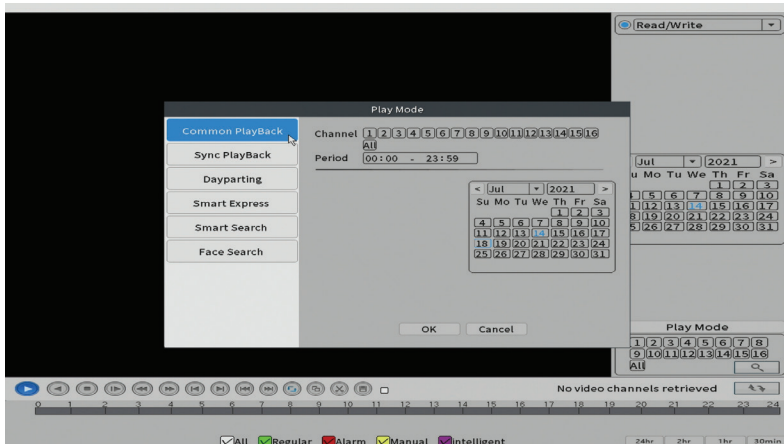
Main Menu (Hauptmenü)

Optionen: Playback, Record Conf, Network, Date Time.



Playback (Wiedergabe)

Das System bietet zahlreiche Filter und Möglichkeiten zur Identifizierung des gewünschten Datensatzes. Sie können nach Kanalnummer, Datum und Zeitintervall oder nach Dateityp suchen.



Record Conf. (Aufnahmekonfiguration)

Über die Schnittstelle können Sie folgende Einstellungen vornehmen: die Länge einer Aufnahmedatei, den Aufnahmemodus (programmiert oder manuell), den Zeitraum (Tag und Zeitintervall) und den Aufnahmetyp (normal, Bewegungserkennung und Alarm).



Network (Netzwerk)

Stellen Sie die Netzwerkparameter (IP-Adresse, Gateway, DNS, Port usw.) manuell ein oder aktivieren Sie die DHCP-Option für den automatischen Parameterabruf.

*Hinweis: Starten Sie das System neu, damit die Einstellungen wirksam werden.
Rechtsklick auf den Bildschirm - Abmelden - Neustart.*

Network

Net Card: Wired NIC

DHCP Enable: ☒

IP Address: 192 . 168 . 100 . 100

Subnet Mask: 255 . 255 . 255 . 0

Gateway: 192 . 168 . 100 . 1

Primary DNS: 192 . 168 . 100 . 1

Secondary DNS: 8 . 8 . 8 . 8

Media Port: 34567

HTTP Port: ☒ 80

HS Download: ☐

Transfer Policy: Quality Pref

Network encryption: No limited

NetService: GB 28181

Buttons: Net Test, OK, Cancel

Date time (Datum und Uhrzeit)

Stellen Sie Zeitzone, Datum, Uhrzeit und Format ein.

Date Time

Time Zone: [UTC+02:00]Athens,Jerusalem

System Time: 2021 - 07 - 14 11:20:16

Date Format: YYYY MM DD

Date Separator: -

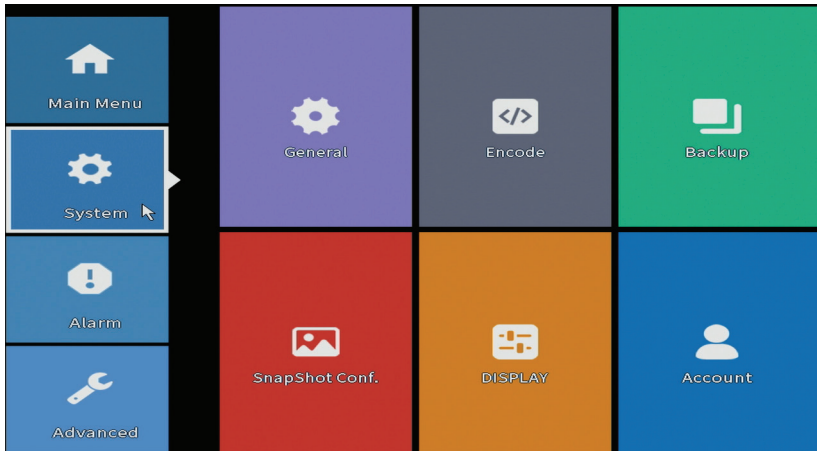
Time Format: 24-HOUR

DST: ☐

Buttons: Default, OK, Cancel

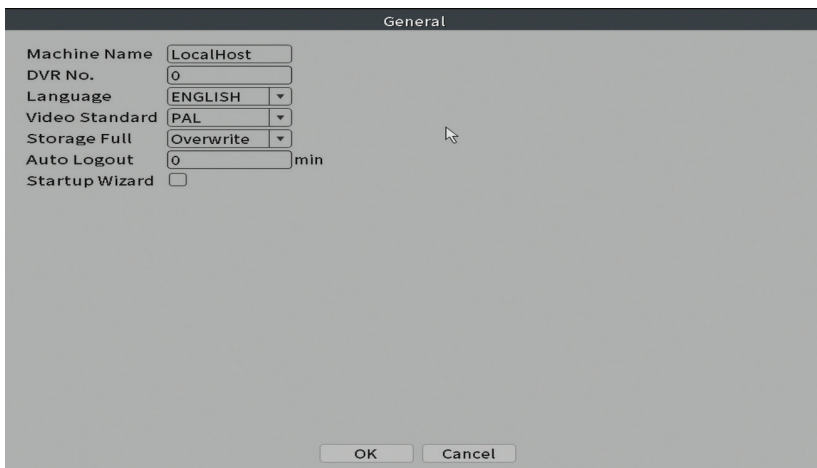
System (System)

Optionen: General, Encode, Backup, Snapshot Config., Display, Account.



General (Allgemeines)

Die Benutzeroberfläche ermöglicht die folgenden Einstellungen: die Sprache der Menüanzeige, das Verhalten bei voller Festplatte (Überschreiben oder Stoppen der Aufzeichnung), die Sitzungsdauer und die Aktivierung / Deaktivierung der Schnellkonfigurationsanleitung beim Systemstart.



Encode (Kodieren)

Zeigt die technischen Parameter der angeschlossenen Kameras an (Auflösung, Bildrate, Videokompression, Qualität usw.).

The 'Encode' window displays the following settings:

Parameter	Value	Parameter	Value
Channel	1	Extra Stream	
Compression	H.265		
Resolution	5M		960H
Frame Rate(FPS)	15		15
Bit Rate Type	VBR		VBR
Quality	highest		highest
Bit Rate(Kb/S)	4012		1604
I Frame Interval	0		0
Video/Audio	☒ ☒		☒ ☒

Buttons at the bottom: Advanced, OK, Cancel.

Backup (Sicherung)

Der USB-Speicher oder die externe Festplatte muss im NVR installiert sein, bevor die Sicherung gestartet wird. Drücken Sie die Detect-Taste, um das Speichergerät zu identifizieren, und dann die Backup-Taste, um die Sicherung durchzuführen.

The 'Backup' window features a table with the following columns: ID, Name(Type), Remain/Total, and Device Status.

ID	Name(Type)	Remain/Total	Device Status
0			

Buttons on the right: Detect, Backup, Erase. A 'Cancel' button is at the bottom right.

Snapshot-Konfiguration

Legen Sie fest, dass zyklische Aufnahmen zu einem bestimmten Zeitpunkt erstellt und per E-Mail, FTP gesendet oder auf Ihrer Festplatte gespeichert werden.

SnapShot Conf.

Channel 1

☒ Cycle capture

☒ EMAIL 64 Sec.

☒ FTP 64 Sec.

☒ storage 64 Sec.

☐ Timing capture

0	Capture time	Delete	EMAIL	FTP	storage

☐ EMAIL ☐ FTP ☒ storage

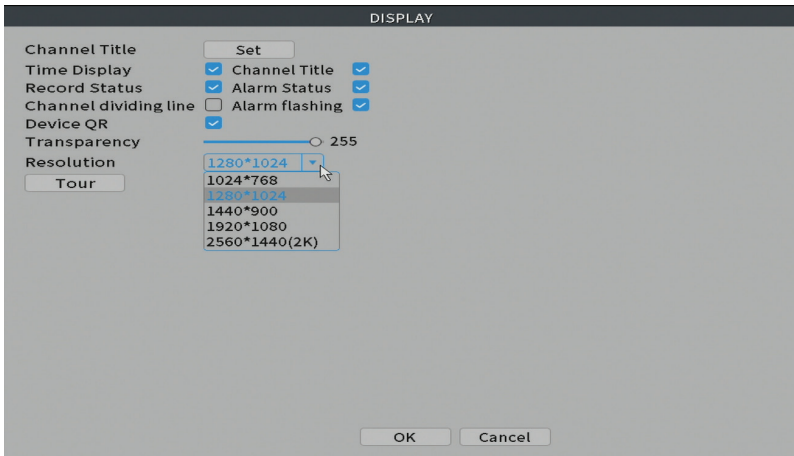
Capture time 00 : 00 : 00 Add

☐ Stop

OK Cancel

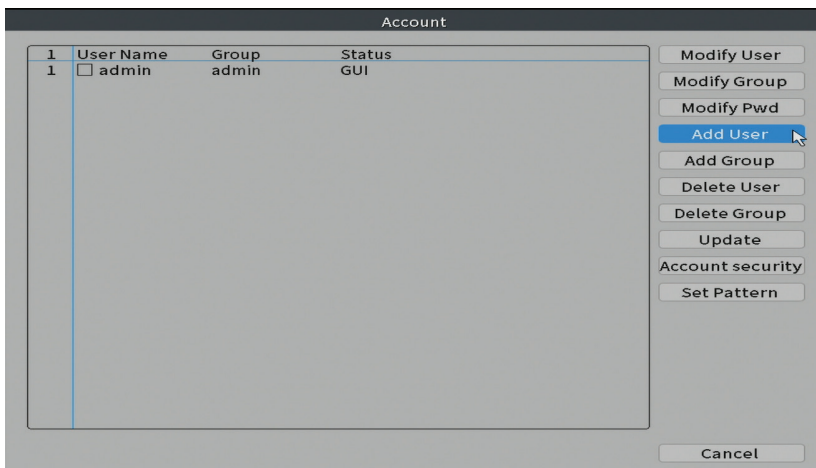
Display (Anzeige)

Im lokalen Vorschaumodus können angezeigt werden: Uhrzeit, Kanalname, Aufnahmestatus, Alarmstatus, Transparenz und Anzeigeauflösung. Hinweis: Stellen Sie vor dem Ändern der Auflösung sicher, dass Ihr Monitor diese Auflösung unterstützt. Wenn die eingestellte Auflösung höher als die Auflösung Ihres Monitors ist, wird nichts auf dem Monitor angezeigt und Sie können nicht auf das Menü zugreifen. Wenn dies jedoch passiert, schließen Sie den NVR an einen Monitor mit niedrigerer Auflösung an, rufen Sie das Menü auf und ändern Sie die Auflösung.



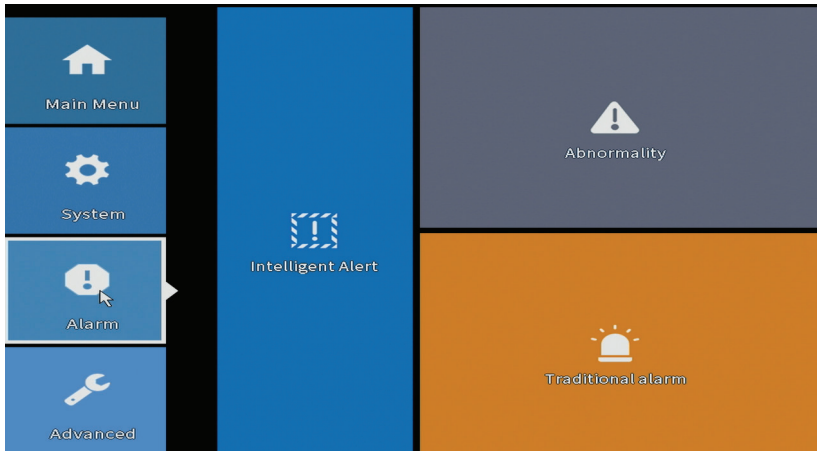
Account (Konto)

Die Benutzeroberfläche ermöglicht die Verwaltung von Benutzern, die Zugriff auf das System haben, das Hinzufügen von Benutzern, das Ändern von Benutzerrechten, das Ändern des Passworts, das Erstellen von Benutzergruppen und das Festlegen einer Kontosicherheitsstufe, indem Antworten auf bestimmte vordefinierte Fragen registriert werden. Im Falle einer Passwortzurücksetzung kann der Verifizierungscode in der mobilen Anwendung oder an die eingestellte E-Mail-Adresse gesendet werden. Um die Sicherheit zu erhöhen, können Sie ein Muster für den Zugriff auf das System festlegen.



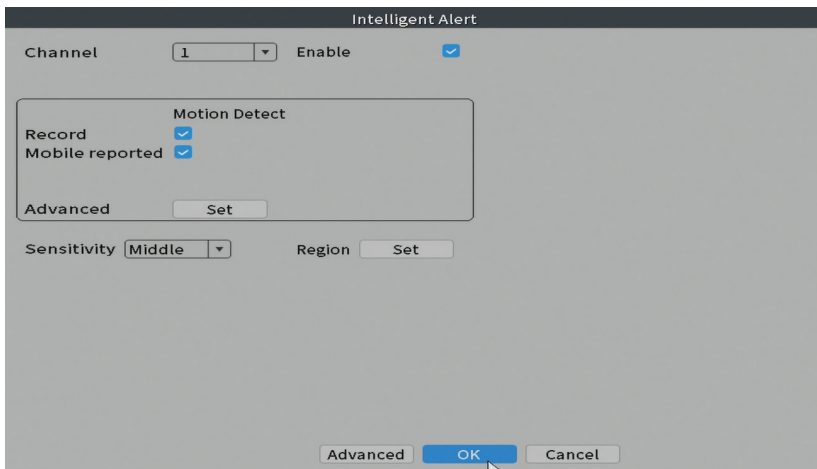
Alarm (Alarm)

Optionen: Intelligent Alert, Abnormality and Traditional alarm (Kein Bild, kein Videosignal usw.). Alarmeingang und intelligente Optionen sind für dieses Modell nicht verfügbar.



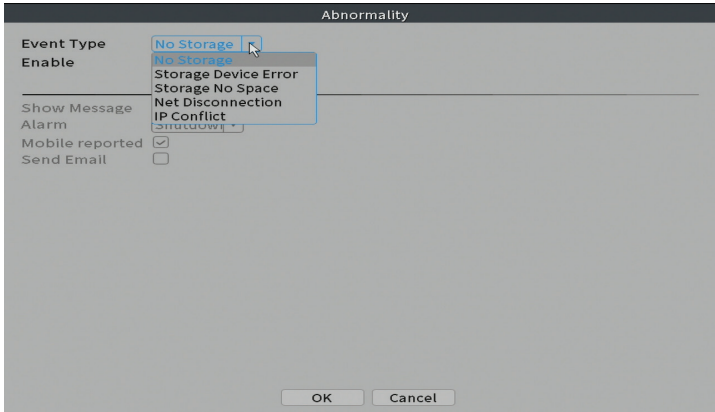
Intelligent Alert (Intelligente Warnung)

Stellen Sie das Systemverhalten bei Bewegungserkennung ein: Registrierung und / oder Benachrichtigung in der Anwendung. Stellen Sie auch die Bewegungsempfindlichkeit und den Aktionsbereich ein.



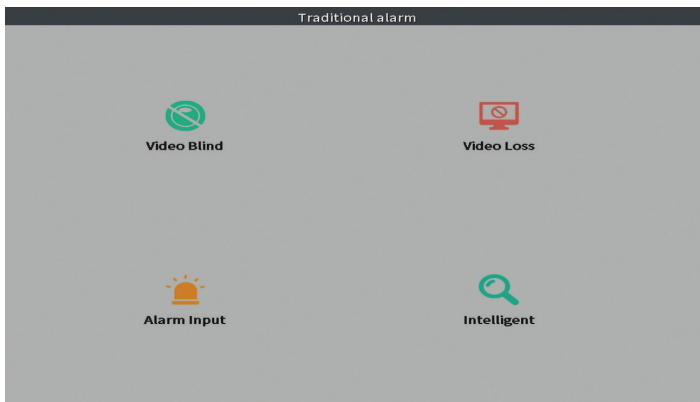
Abnormality (Anomalie)

Legen Sie das Systemverhalten fest bei: Speichergerätefehler, Platzmangel auf dem Speichergerät, fehlende Internetverbindung oder IP-Konflikt. In solchen Situationen können Sie festlegen, dass eine Benachrichtigung in der Anwendung oder eine E-Mail gesendet wird.



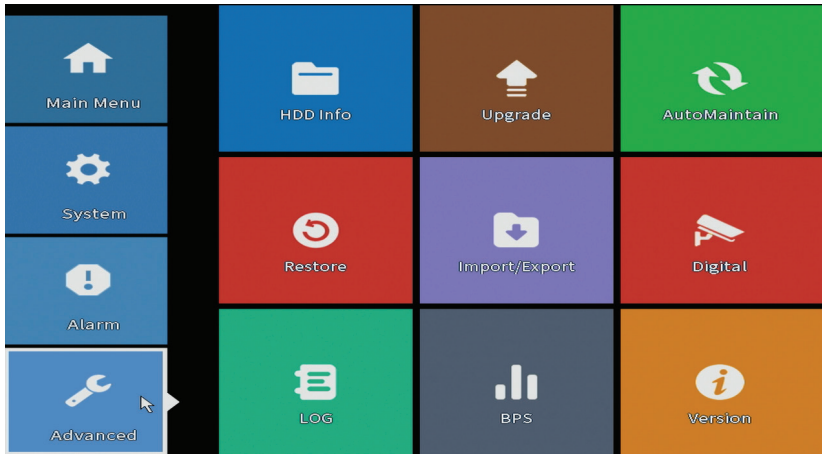
Traditional alarm (Traditioneller Wecker)

Stellen Sie das Systemverhalten bei fehlendem Bild oder fehlendem Videosignal ein. In solchen Situationen können Sie einstellen, dass Sie eine Benachrichtigung in der Anwendung oder eine E-Mail senden, die Aufnahme starten, Aufnahmen machen oder die Alarmaufnahme auf einem FTP-Server speichern.



Advanced (Fortgeschritten)

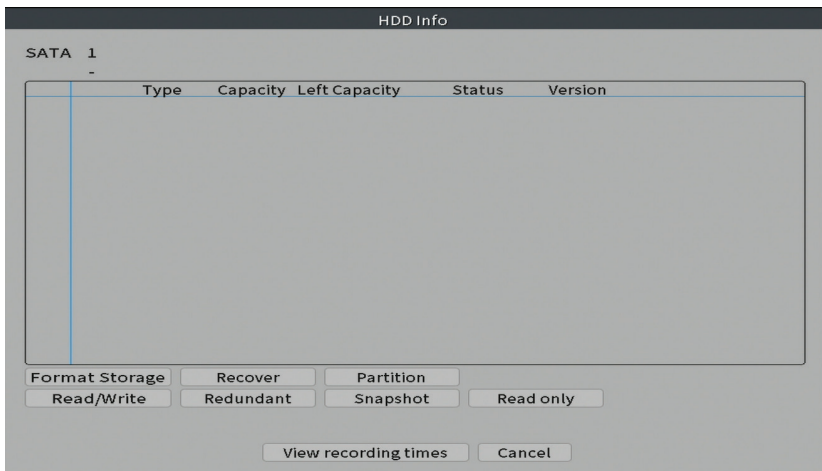
Optionen: HDD info, Upgrade, AutoMaintain, Restore, Import / Export, Digital, LOG, BPS und Version.



HDD info (HDD-Info)

Legen Sie fest, wie die Festplatte funktioniert (nur Lesen oder Lesen/ Schreiben).

Hinweis: Um Aufnahmen auf der Festplatte zu speichern, muss diese auf den Lese-/ Schreibmodus eingestellt sein.



Upgrade (Aktualisierung)

Stecken Sie einen USB-Stick in den NVR, der die Update-Datei im Stammordner enthalten sollte. Wählen Sie das Speicherlaufwerk und die Datei aus dem NVR-Menü aus und klicken Sie auf die Schaltfläche Upgrade.

The screenshot shows the 'Upgrade' menu with the following options:

- Upgrade Position:** A dropdown menu.
- Upgrade file:** A dropdown menu with an 'Upgrade' button next to it.
- Online Upgrade:** A section header.
- Has the latest firmware:** A checkbox with an 'Upgrade' button next to it.
- ☐ Tips Latest updates
- ☒ Automatic upgrade critical updates
- ☐ Forbid remote upgrade
- Camera Upgrade:** A section header.
- Camera Selection:** A row of buttons numbered 1 through 16, followed by an 'All' button.
- Upgrade Position:** A dropdown menu with an 'Upgrade' button next to it.
- Upgrade file:** A dropdown menu with 'Cancel' and 'Upgrade' buttons next to it.
- Online Upgrade:** A section header.
- Cancel:** A button at the bottom center.

AutoMaintain

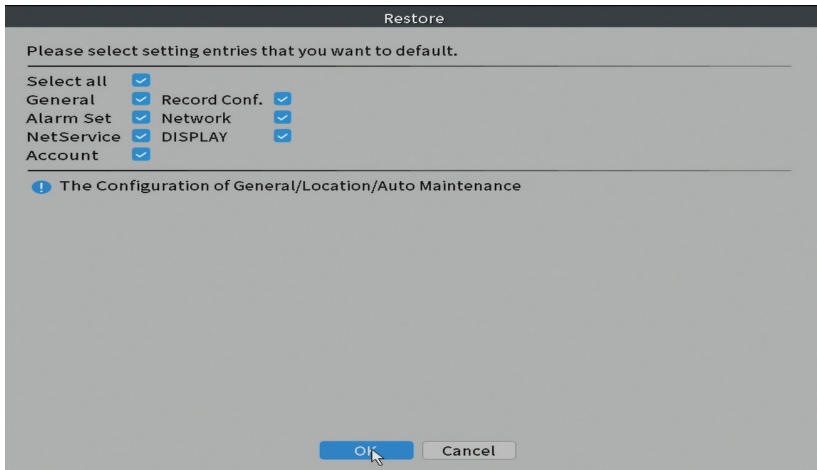
Stellen Sie das System so ein, dass es an einem bestimmten Tag und einer bestimmten Uhrzeit neu startet oder stellen Sie das automatische Löschen von Dateien ein, die älter als ein bestimmter Zeitraum sind.

The screenshot shows the 'AutoMaintain' menu with the following options:

- Auto-Reboot System:** A section header.
- Frequency:** A dropdown menu showing 'Every Tuesday'.
- at:** A dropdown menu showing '01:00'.
- Auto-Delete Old Files:** A section header.
- Frequency:** A dropdown menu showing 'Never'.
- OK:** A button at the bottom left.
- Cancel:** A button at the bottom right.

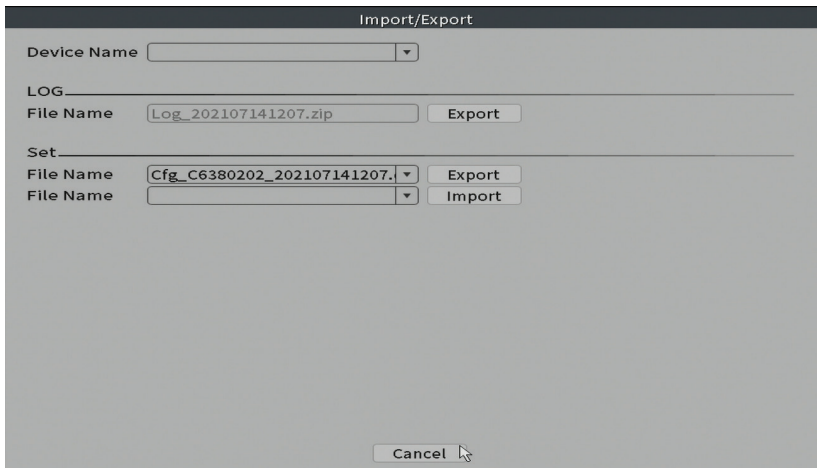
Restore (Zurücksetzen)

Wählen Sie die Optionen aus, die Sie zurücksetzen möchten.



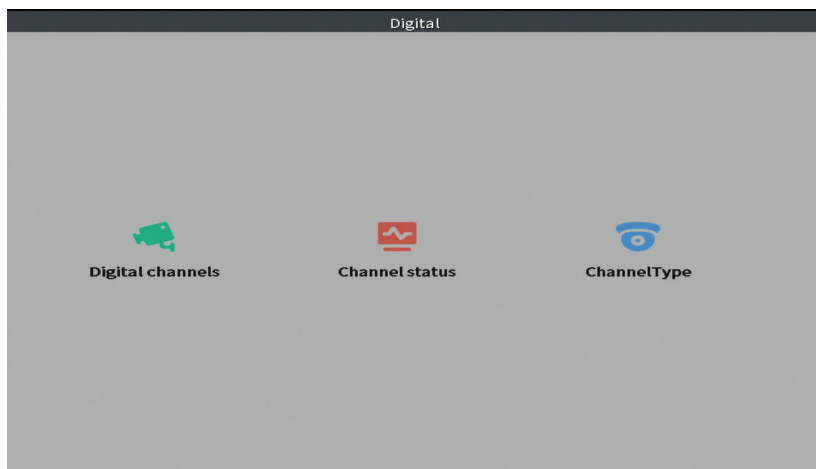
Import/Export

Systemeinstellungen exportieren oder importieren.



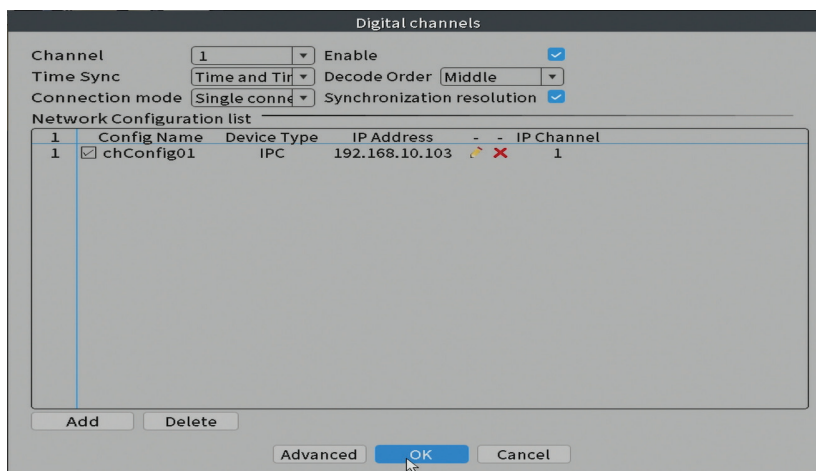
Digital

Optionen: Digital channels, Channel status und Channel Type.



Digital channels (Digitale Kanäle)

Fügen Sie eine Kamera auf einem bestimmten Kanal hinzu. Klicken Sie auf die Schaltfläche Hinzufügen und dann auf Suchen, um alle Kameras zu finden, die im selben Netzwerk (gleicher Router) mit dem NVR verbunden sind.



Channel status (Kanalstatus)

Zeigt den Status (verbunden, nicht verbunden oder nicht konfiguriert) für alle 16 Kanäle an.

Channel status

Channel	Stream	Mainstream/Sub-Stream	Connection Status
D01	4K	5M/800x600	Connected
D02	4K	Unknown	Offline
D03	4K	Unknown	NoConfig
D04	4K	Unknown	NoConfig
D05	4K	Unknown	NoConfig
D06	4K	Unknown	NoConfig
D07	4K	Unknown	NoConfig
D08	4K	Unknown	NoConfig
D09	4K	Unknown	NoConfig
D10	4K	Unknown	NoConfig
D11	4K	Unknown	NoConfig
D12	4K	Unknown	NoConfig
D13	4K	Unknown	NoConfig
D14	4K	Unknown	NoConfig
D15	4K	Unknown	NoConfig
D16	4K	Unknown	NoConfig

Cancel

Channel type (Kanaltyp)

Zeigt die maximale Anzahl von Kameras und die Auflösung der Kameras an, die an das System angeschlossen werden können. Der PNI IP716 NVR unterstützt maximal 16 IP-Kameras mit einer maximalen Auflösung von 4K.

ChannelType

IP

4K

16

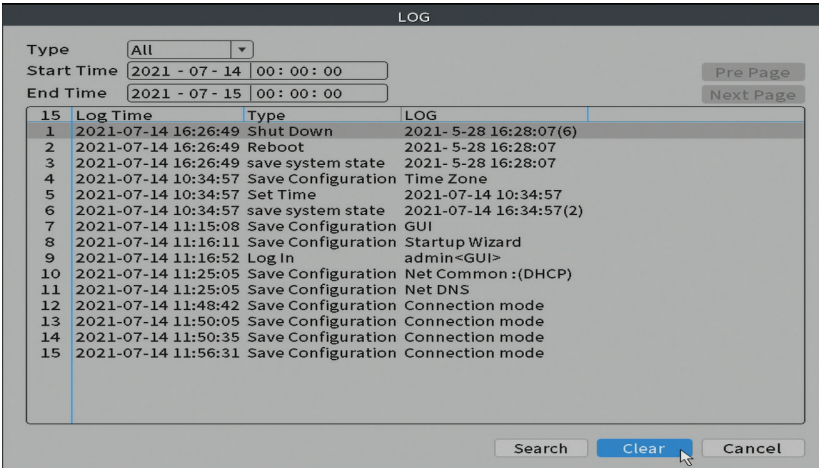
Maximum number of preview: 16

OK

Cancel

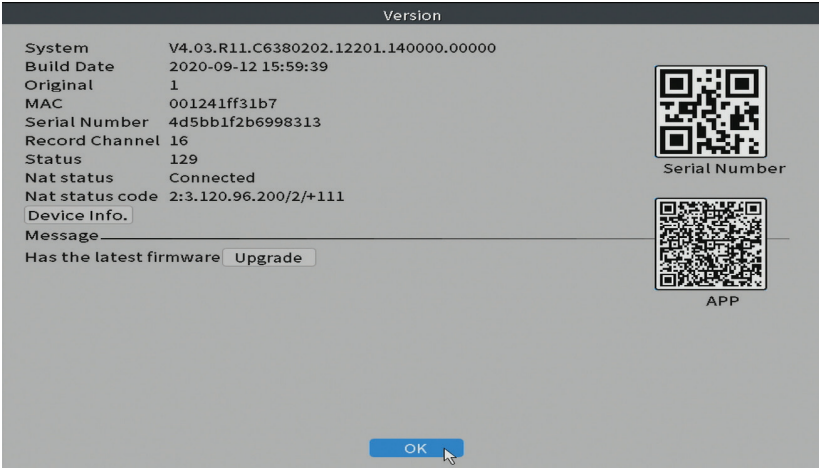
Log

Zeigt den Verlauf der im System ausgeführten Aktionen an.



Ausführung

Zeigt nützliche Informationen über Firmware und QR-Code mit der Seriennummer des Systems (nützlich zum Hinzufügen zur mobilen Anwendung) und QR-Code zum Herunterladen der mobilen Anwendung an.



Andere Menüoptionen

Klicken Sie mit der rechten Maustaste auf den Bildschirm, um zusätzliche Optionen anzuzeigen:

Channel Set, Record Mode, Playback, Face detection, IPC parameters, Color settings, Split menu, PTZ Control, Output adjust, NetDetect, Logout.



Channel set (Kanal eingestellt)

Die Schnittstelle ermöglicht das Hinzufügen und Verwalten der zum System hinzugefügten Kameras.

Kmeraschnittstelle hinzufügen

1. Wählen Sie das Kommunikationsprotokoll zwischen dem NVR und den Kameras aus. Optionen: NETIP, ONVIF, Full Netcom.
2. **Search.** Drücken Sie die Suchtaste, um nach Kameras zu suchen, die mit dem gleichen Router (dem gleichen Netzwerk) wie der NVR verbunden sind.
3. **Add.** Wählen Sie aus der Liste der angezeigten Kameras die gewünschten Kameras aus und klicken Sie auf Hinzufügen, um sie dem System hinzuzufügen.
4. **Network.** Konfigurieren Sie Netzwerkparameter für Kameras (IP-Adresse, Gateway usw.)
5. **Quick set.** Schnelles Hinzufügen und Konfigurieren von Kameras.
6. **IP Bulk Modify.** Schneller Wechsel der IP zu mehreren Kameras.

Kanäle-Schnittstelle

1. **Delete.** Löschen Sie die Kamera aus dem ausgewählten Kanal. Klicken Sie zum Ausführen auf Übernehmen.
2. **Clear.** Löschen Sie die Informationen zum ausgewählten Kanal. Klicken Sie zum Ausführen auf Übernehmen.
3. **Encode.** Zeigt die technischen Parameter der angeschlossenen Kameras (Auflösung, Bildrate, Videokompression, Qualität etc.).

4. **Edit devices.** IP und Port für den ausgewählten Kanal ändern.
5. **Bulk upgrade.** Firmware-Update für ausgewählte Kameras.
6. **Network detect.** Tests und Diagnose von Cloud-Netzwerken und -Servern.
7. **Channel title.** Kameras umbenennen.
8. **NVR Network.** Konfigurieren Sie die NVR-Netzwerkparameter.
9. **Close adaptive.** Deaktiviert die IP-Anpassungsfunktion für die ausgewählten Kameras.

IP channel

Device searched SearchTime 5 AddMode Auto

0	Device Name	Add	IP Address	Port	Device Info.
1	192.168.10.103	✗	Connected	D01	ONV
2	192.168.10.102	✗	Offline	D02	ONV
3		+	NoConfig		
4		+	NoConfig		
5		+	NoConfig		
6		+	NoConfig		
7		+	NoConfig		
8		+	NoConfig		
9		+	NoConfig		
10		+	NoConfig		
11		+	NoConfig		
12		+	NoConfig		
13		+	NoConfig		
14		+	NoConfig		
15		+	NoConfig		
16		+	NoConfig		

Remaining bandwidth 74 M Show all search d

ONVIF Search Add Network Quick set IP Bulk Modify

Delete Clear Encode Edit devices Bulk Upgrade Network Detect Channel Title NVRNetwork Close adaptive

Apply Exit

Network

IP Address 192 . 168 . 10 . 103

Subnet Mask 0 . 0 . 0 . 0

Gateway 0 . 0 . 0 . 0

User Name admin

Password

Auto assigned OK Cancel

Encode

Channel 1

Compression H265 Extra Stream

Resolution 5M 960H

Frame Rate(FPS) 15 15

Bit Rate Type VBR VBR

Quality highest highest

Bit Rate(kb/s) 4012 1554

I Frame interval 0 0

Video/Audio

Advanced OK Cancel

Edit devices

Device Type IPC Protocol ONVIF

IP Channel 1

Device address 192.168.10.103

Port 8080

User Name admin Password

OK Cancel

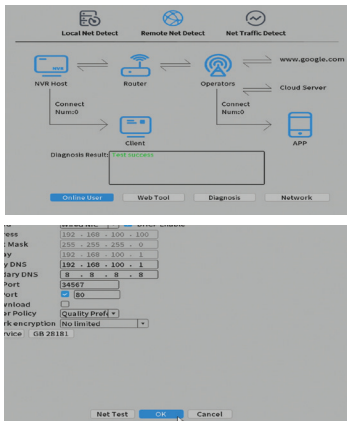
Bulk Upgrade

IP Address	Connection Status	Device Info.
192.168.10.103	Connected	NoConfig
-	NoConfig	-
-	NoConfig	-
-	NoConfig	-
-	NoConfig	-
-	NoConfig	-
-	NoConfig	-
-	NoConfig	-
-	NoConfig	-
-	NoConfig	-

Upgrade Position Upgrade

Upgrade file Upgrade

Update OK Cancel



Channel Title			
Channel1	D01	Channel2	D02
Channel3	D03	Channel4	D04
Channel5	D05	Channel6	D06
Channel7	D07	Channel8	D08
Channel9	D09	Channel10	D10
Channel11	D11	Channel12	D12
Channel13	D13	Channel14	D14
Channel15	D15	Channel16	D16

OK Cancel

Close adaptive

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 All

Close adaptive Exit

Record mode (Aufnahmemodus)

Stellen Sie den Aufnahmemodus (manuell oder programmiert) für jeden Kanal ein.

Record Mode

Mode	All	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Schedule	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
Manual	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Stop	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

Extra Stream

Schedule	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Manual	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Stop	☐	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒

OK Cancel

Playback (Wiedergabe)

Verknüpfung für den Zugriff auf die Such- und Wiedergabeoberfläche von Aufzeichnungen.

Face detection (Gesichtserkennung)

Die Schnittstelle ist nur für Kameras verfügbar, die diese Funktion unterstützen.

Farbeinstellungen

Passen Sie die Farbparameter (Helligkeit, Kontrast, Sättigung usw.) für die Kameraanzeigeschnittstelle an.

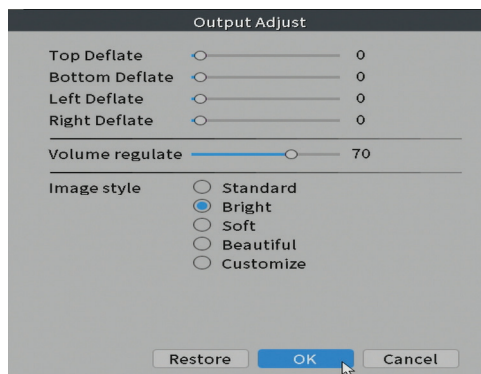


Menü aufteilen

Wählen Sie aus, wie die Kameras auf demselben Bildschirm angezeigt werden sollen. Optionen: 1 Kamera, 2, 4, 6, 8, 9 oder 16 Kameras gleichzeitig anzeigen.

Output Adjust (Bildeinstellungen)

Stellen Sie die Lautstärke und das Bild ein.



Net Detect

1. Local Net Detect. Überwachung und Diagnose der Kameraverbindung.

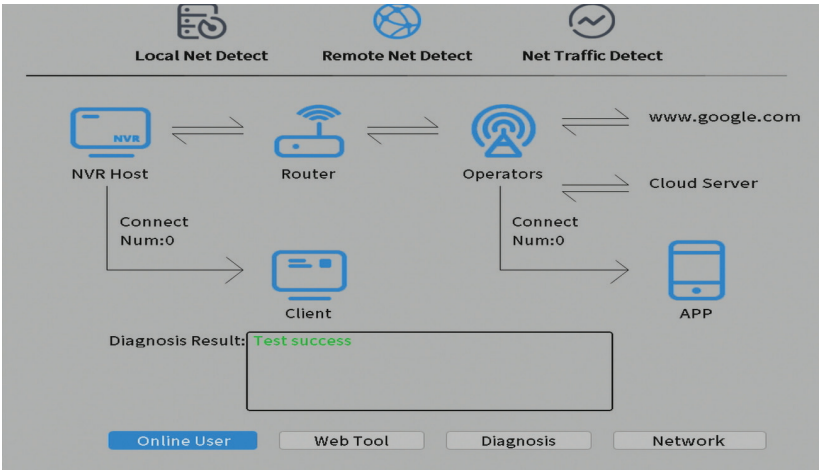
Local Net DetectRemote Net DetectNet Traffic Detect

Channel	Sender IP address	Drop-off in the past week	Diagnosis	De
☐	1192.168.10.103	0	☐	
☐	2---	---	☐	
☐	3---	---	☐	
☐	4---	---	☐	
☐	5---	---	☐	
☐	6---	---	☐	
☐	7---	---	☐	
☐	8---	---	☐	
☐	9---	---	☐	
☐	10---	---	☐	
☐	11---	---	☐	
☐	12---	---	☐	
☐	13---	---	☐	
☐	14---	---	☐	
☐	15---	---	☐	
☐	16---	---	☐	

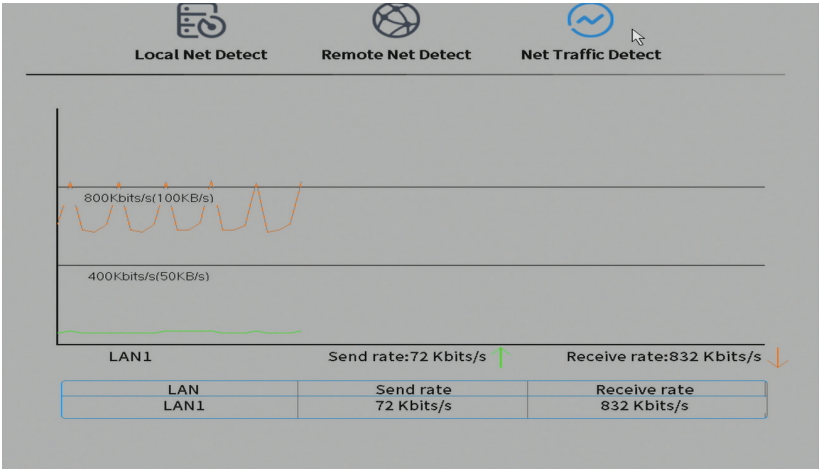
Enable☒Reset Count

5

2. Remote Net Detect. Überwachung, Diagnose und Konfiguration von Netzwerk und Cloud-Server.

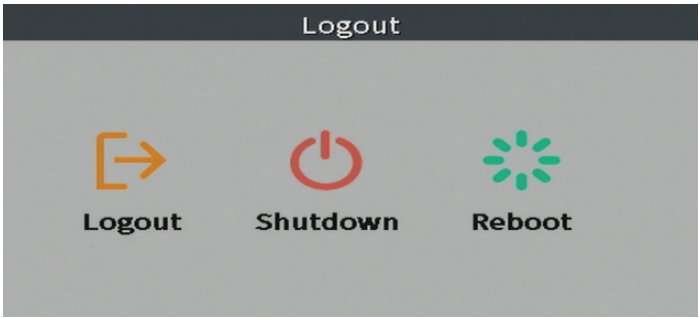


3. Net traffic Detect. Überwachung des vom NVR durchgeführten Datenverkehrs im Netzwerk.



Ausloggen

Melden Sie sich ab, fahren Sie das System herunter oder starten Sie es neu.



Funciones principales

- Grabación simultánea multicanal en tiempo real, reproducción y configuración remotas
- Admite hasta 16 canales con una resolución máxima de 4K.
- Copia de seguridad en memoria flash USB y disco duro externo.
- Admite detección de rostros y formas humanas (según la cámara)
- Posibilidad de conectar altavoz externo.

Especificaciones técnicas

Entrada de video	16 x 4K (access bandwidth 72Mbps)
Salida de video	1 x VGA / 1 x HDMI
Compresión de video	H.265AI / H.265 + (compatible con H.265 / H.264)
Resolución de reproducción	Máxima 2K (2560 x 1440)
Compresión de audio	G.711A
Salida de audio	1 x 3,5 mm
Modo grabación	Manual, alarma, detección de movimiento, programado
USB	2 x USB2.0
HDD	1 x HDD SATA (máx. 14 TB)
ONVIF	Sí
Voltaje de potencia	12V / 2A
Dimensiones	255 x 210 x 45 mm
Temperatura de trabajo	-26°C ~ +60°C

Instrucciones de uso

Instalación de la unidad de almacenamiento

Antes del primer uso, instale la unidad de almacenamiento. Solo se puede instalar un disco duro SATA con una capacidad máxima de 14 TB dentro de la

unidad de grabación (el disco duro no está incluido en el paquete).

- Afloje los tornillos y abra la carcasa del NVR
- Conecte los cables de datos y asegure el disco duro con los tornillos
- Vuelva a cerrar la carcasa del NVR
- Conecte el cable de alimentación e Internet al NVR

Enciende el dispositivo

Enchufe el cable de alimentación en una toma de 230V. Se iniciará el NVR. El LED indicador se iluminará. De forma predeterminada, se mostrarán 16 canales en la pantalla.

Si la hora de inicio está dentro del programa preestablecido para la grabación, la función de grabación se iniciará automáticamente

Notas:

1. *Verifique que el voltaje de entrada corresponda al voltaje recomendado del dispositivo. La tensión de alimentación es 230V $\pm$ 10% / 50 Hz 2A.*
2. *Sugerimos usar un dispositivo UPS para proteger el dispositivo de las fluctuaciones de voltaje.*

Apagar el dispositivo

Hay dos formas de apagar el dispositivo.

1. Acceda al menú principal (clic derecho en la pantalla) y seleccione la opción Cerrar sesión - Apagar
2. Apague la fuente de alimentación.

Advertencias especiales:

1. Reinicie después de un corte de energía. Si el dispositivo se cierra de manera anormal, crea una copia de seguridad y se reinicia desde ese estado después de que se restablece la energía.
2. Reemplace la batería en la placa del sistema. Antes de reemplazar la batería, debe hacer una copia de seguridad de la configuración del sistema (consulte el capítulo Importación / exportación avanzada) y apagar la fuente de alimentación. La hora y la fecha del dispositivo se deben configurar nuevamente después de reemplazar la batería. Le recomendamos que reemplace la batería todos los años.

Control remoto del dispositivo

El NVR se puede controlar de forma local o remota desde teléfonos inteligentes y computadoras con sistema operativo Windows.

Sistema operativo	Solicitud	Descargar	
Android, iOS	XMEye		
		Android	iOS
Windows	General CMS	El archivo de instalación se puede descargar desde el CD incluido en el paquete o desde la sección de Descargas en la página web del producto (www.pni.es)	

Autenticación del sistema

Después de encender el dispositivo, inicie sesión en el sistema.

De forma predeterminada, el usuario administrador está protegido con contraseña por 1234. Si la contraseña se ingresa incorrectamente 5 veces seguidas, la cuenta será bloqueada. Al reiniciar el dispositivo o después de media hora, la cuenta se desbloqueará automáticamente.

Nota: Para la seguridad de su sistema, cambie la contraseña después del primer inicio de sesión.

Guía de instalación rápida

Después de iniciar el dispositivo, se iniciará la guía de configuración rápida.

Nota: Recomendamos configurar el sistema antes de instalar el NVR y las cámaras en la ubicación final.

Pasos a seguir:

1. Configure la hora, la fecha y la zona horaria.
2. Pronto, aparecerá una ventana emergente en la pantalla pidiéndole que cambie la contraseña de autenticación en el sistema. Siga los pasos en la pantalla o presione la tecla ESC en el NVR para salir de la interfaz de configuración de contraseña.

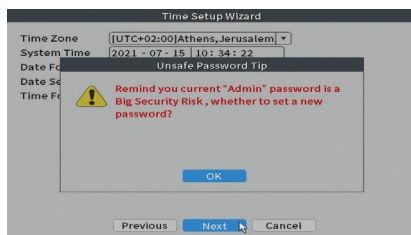
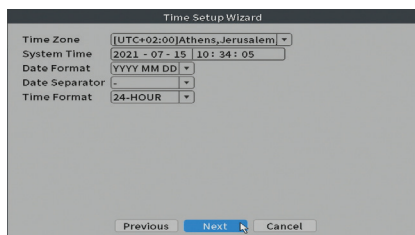
Nota: Para la seguridad de su sistema, recomendamos cambiar la contraseña después del primer inicio de sesión en el sistema.

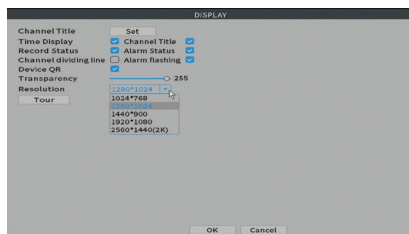
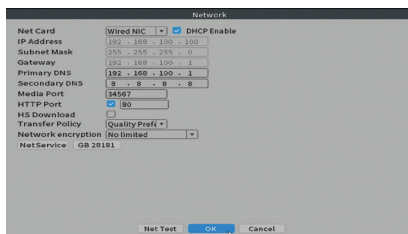
3. Configure los parámetros de red manualmente o active la opción DHCP para la descarga automática.
4. Escanee el código QR en la pantalla para instalar la aplicación XMEye en su teléfono móvil. Escanee el código QR con el número de serie para agregar el sistema a la aplicación.
5. Configure las opciones de visualización y la resolución del monitor conectado al NVR. Resolución máxima admitida 2560x1440 (2K).

Nota: antes de cambiar la resolución, asegúrese de que su monitor admita esa resolución. Si la resolución establecida es superior a la resolución de su monitor, no aparecerá nada en el monitor y no podrá acceder al menú. Sin embargo, si esto sucede, conecte el NVR a un monitor de menor resolución, acceda al menú y cambie la resolución.

6. Presione la tecla OK para completar la configuración básica del sistema.
7. Haga clic derecho en la pantalla y acceda a la opción NetDetect. Haga clic en Diagnosticar para probar la configuración de red.

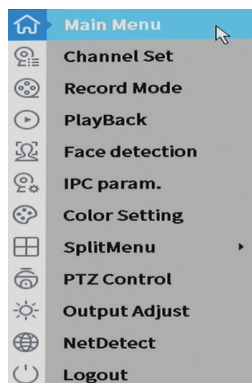
Nota: Para que la configuración surta efecto, reinicie el sistema. Haga clic derecho en la pantalla - Logout - Reboot.





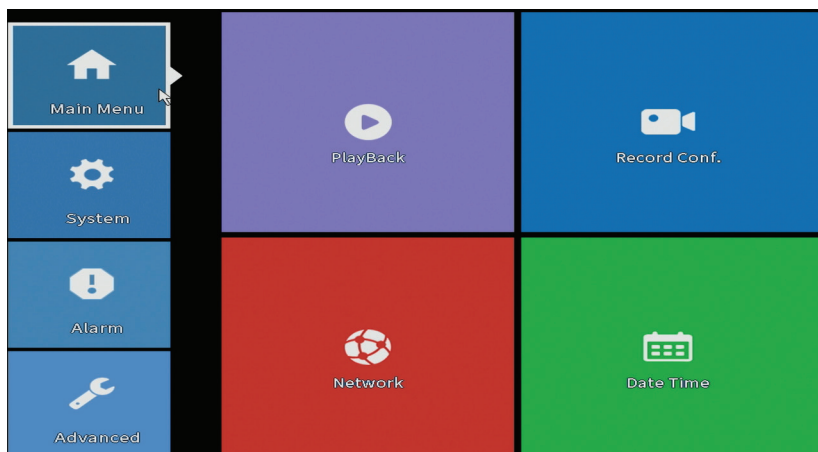
El menú

En la interfaz de vista previa principal, haga clic con el botón derecho del ratón para acceder al menú.



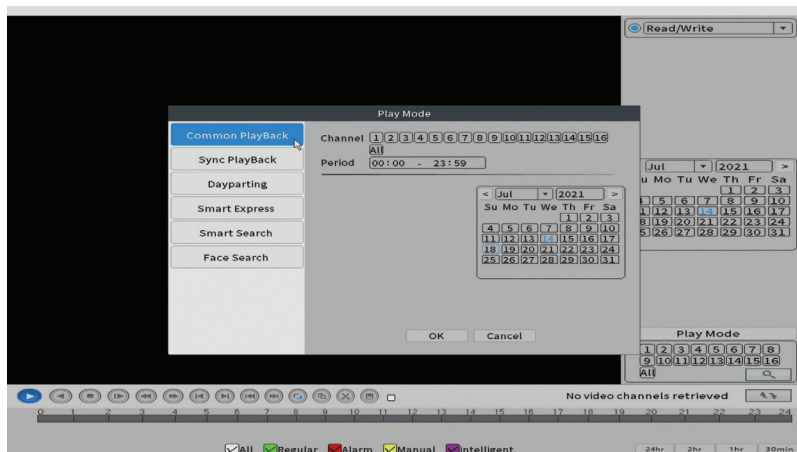
Main Menu (Menú principal)

Opciones: Playback, Record Conf, Network, Date Time.



Playback (Reproducción)

El sistema ofrece numerosos filtros y opciones para identificar el registro deseado. Puede buscar por número de canal, fecha e intervalo de tiempo o por tipo de archivo.



Record Conf. (Configuración de registro)

La interfaz le permite realizar los siguientes ajustes: la duración de un archivo de grabación, el modo de grabación (programado o manual), el período (día y intervalo de tiempo) y el tipo de grabación (normal, detección de movimiento y alarma).



Network (red)

Configure manualmente los parámetros de red (dirección IP, puerta de enlace, DNS, puerto, etc.) o marque la opción DHCP para la recuperación automática de parámetros.

Nota: Para que la configuración surta efecto, reinicie el sistema. Haga clic derecho en la pantalla - Logout - Reboot.

Network

Net Card: Wired NIC

IP Address: 192 . 168 . 100 . 100

Subnet Mask: 255 . 255 . 255 . 0

Gateway: 192 . 168 . 100 . 1

Primary DNS: 192 . 168 . 100 . 1

Secondary DNS: 8 . 8 . 8 . 8

Media Port: 34567

HTTP Port: ☒ 80

HS Download: ☐

Transfer Policy: Quality Preferred

Network encryption: No limited

NetService: GB 28181

Net Test OK Cancel

Date time (Fecha y hora)

Establezca la zona horaria, la fecha, la hora y el formato.

Date Time

Time Zone: [UTC+02:00]Athens,Jerusalem

System Time: 2021 - 07 - 14 11:20:16

Date Format: YYYY MM DD

Date Separator: -

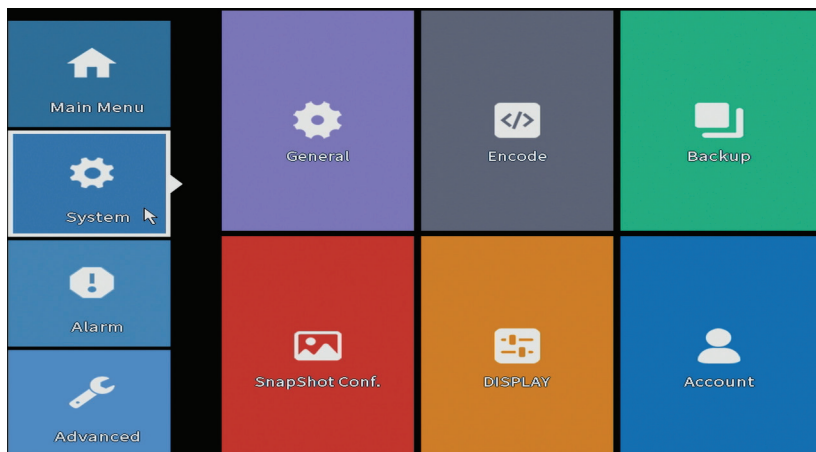
Time Format: 24-HOUR

DST ☐

Default OK Cancel

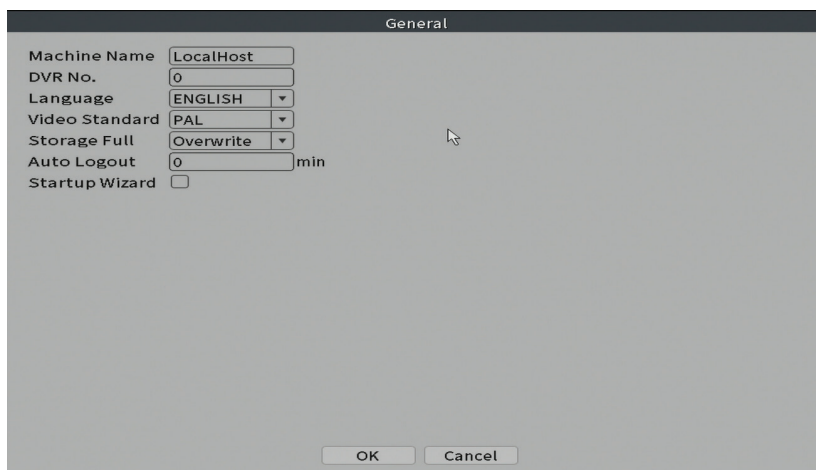
System (Sistema)

Opciones: General, Encode, Backup, Snapshot Config., Display, Account.



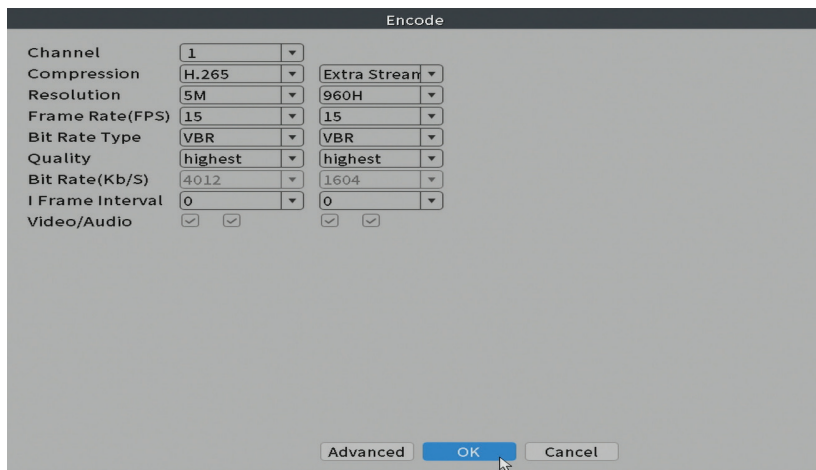
General

La interfaz permitirá las siguientes configuraciones: el idioma de visualización del menú, el comportamiento en caso de un disco duro lleno (sobrescribir o detener la grabación), la duración de la sesión y habilitar / deshabilitar la guía de configuración rápida al iniciar el sistema.



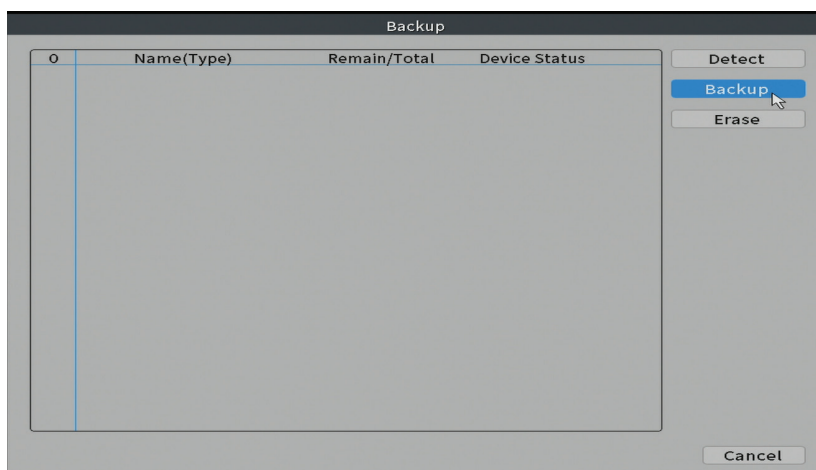
Encode (Codifica)

Muestra los parámetros técnicos de las cámaras conectadas (resolución, velocidad de cuadros, compresión de video, calidad, etc.).



Backup (Respaldo)

La memoria USB o el disco duro externo deben estar instalados en el NVR antes de iniciar la copia de seguridad. Presione el botón Detectar para identificar el dispositivo de almacenamiento, luego el botón Copia de seguridad para realizar la copia de seguridad.



Snapshot Config (Configuración de instantánea)

Configure para tomar capturas cíclicas en un momento determinado y enviarlas por correo electrónico, FTP o almacenarlas en su disco duro.

SnapShot Conf.

Channel: 1

☒ Cycle capture

☒ EMAIL 64 Sec.

☒ FTP 64 Sec.

☒ storage 64 Sec.

☐ Timing capture

0	Capture time	Delete	EMAIL	FTP	storage

☐ EMAIL ☐ FTP ☒ storage

Capture time: 00 : 00 : 00 Add

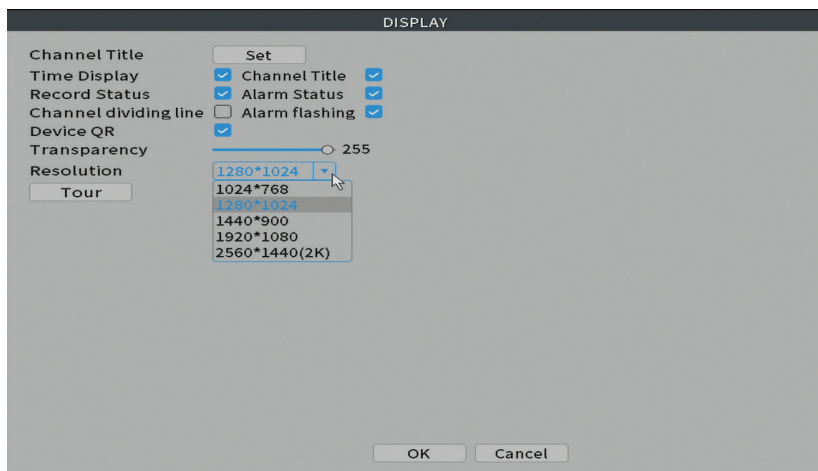
☐ Stop

OK Cancel

Display (Monitor)

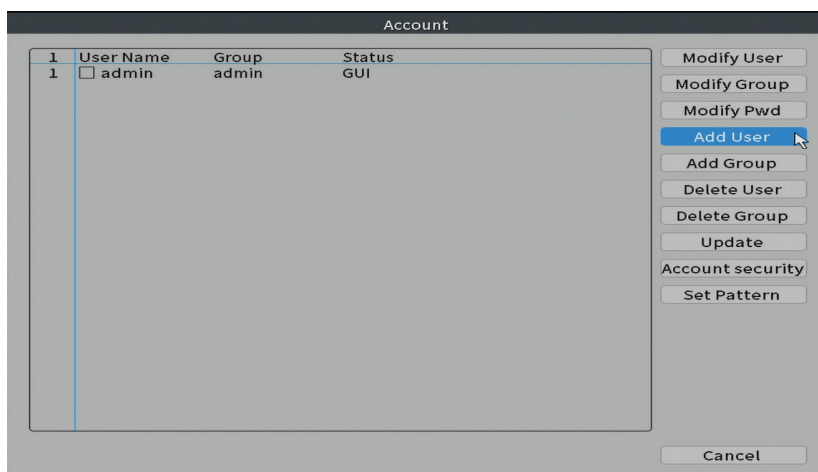
En el modo de vista previa local se puede mostrar: hora, nombre del canal, estado de grabación, estado de alarma, transparencia y resolución de pantalla.

Nota: antes de cambiar la resolución, asegúrese de que su monitor admita esa resolución. Si la resolución establecida es superior a la resolución de su monitor, no aparecerá nada en el monitor y no podrá acceder al menú. Sin embargo, si esto sucede, conecte el NVR a un monitor de menor resolución, acceda al menú y cambie la resolución.



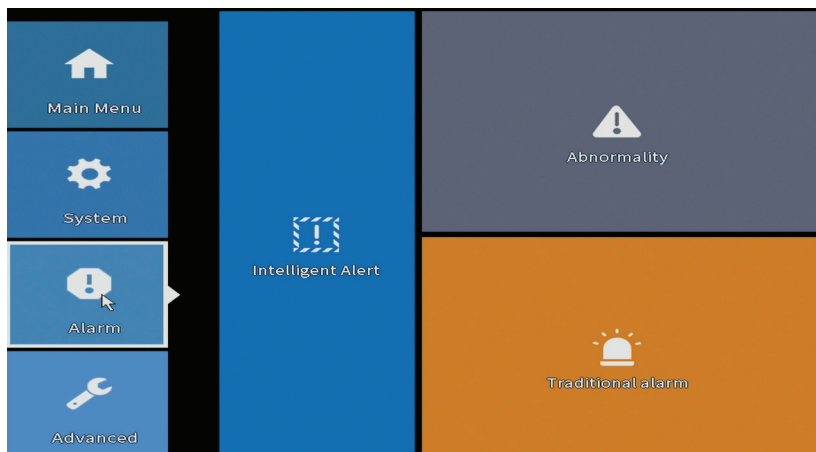
Account (Cuenta)

La interfaz permite administrar los usuarios que tienen acceso al sistema, agregar usuarios, cambiar los derechos de los usuarios, cambiar la contraseña, crear grupos de usuarios y establecer un nivel de seguridad de la cuenta al registrar respuestas a ciertas preguntas predefinidas. En caso de restablecer la contraseña, el código de verificación se puede enviar en la aplicación móvil o en la dirección de correo electrónico establecida. Para aumentar la seguridad, puede establecer un patrón para acceder al sistema.



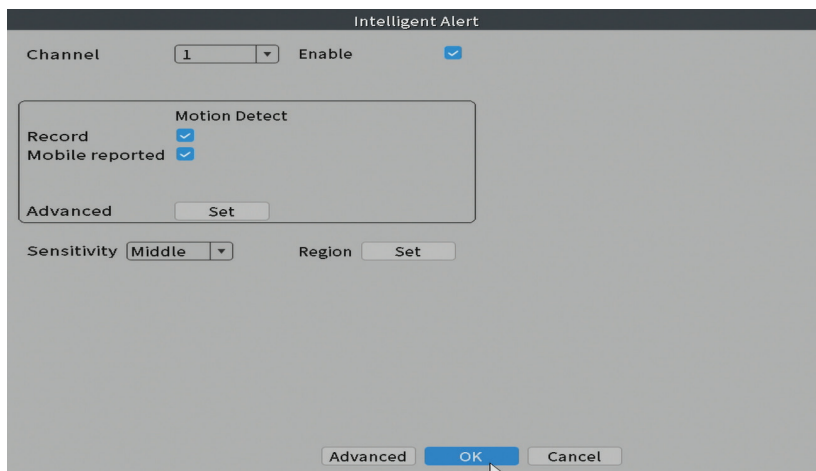
Alarm (Alarma)

Opciones: Intelligent Alert, Abnormality and Traditional alarm (Sin imagen, sin señal de video, etc.). La entrada de alarma y las opciones inteligentes no están disponibles para este modelo.



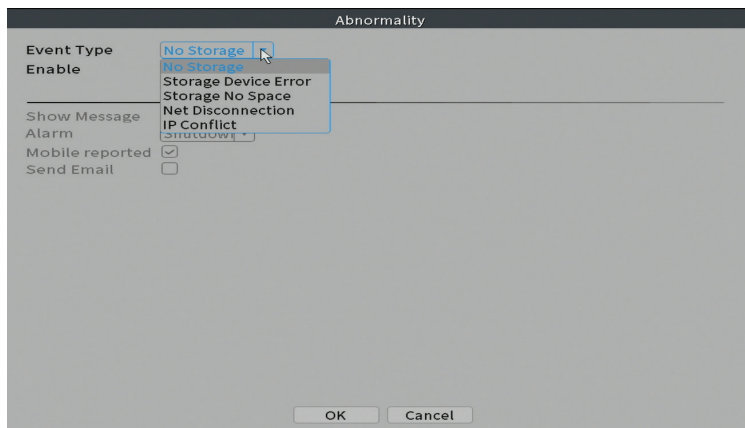
Intelligent Alert (Alerta inteligente)

Configure el comportamiento del sistema en caso de detección de movimiento: registro y / o notificación en la aplicación. También configure el nivel de sensibilidad al movimiento y el área de acción.



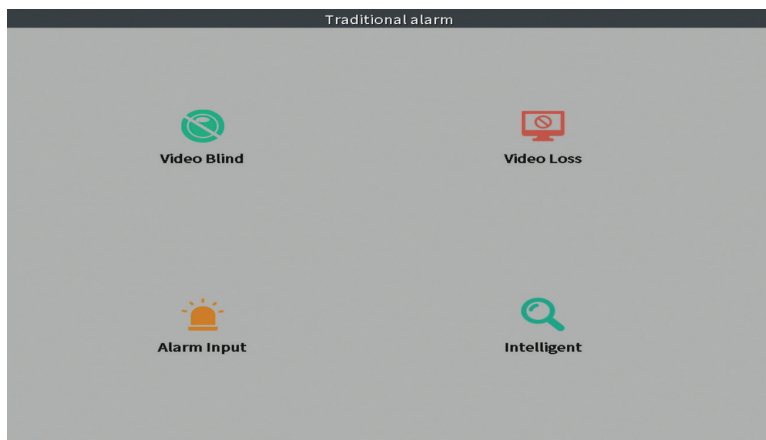
Abnormality (Anomalia)

Configure el comportamiento del sistema en caso de: error del dispositivo de almacenamiento, falta de espacio en el dispositivo de almacenamiento, falta de conexión a Internet o conflicto de IP. En tales situaciones, puede configurar para enviar una notificación en la aplicación o un correo electrónico.



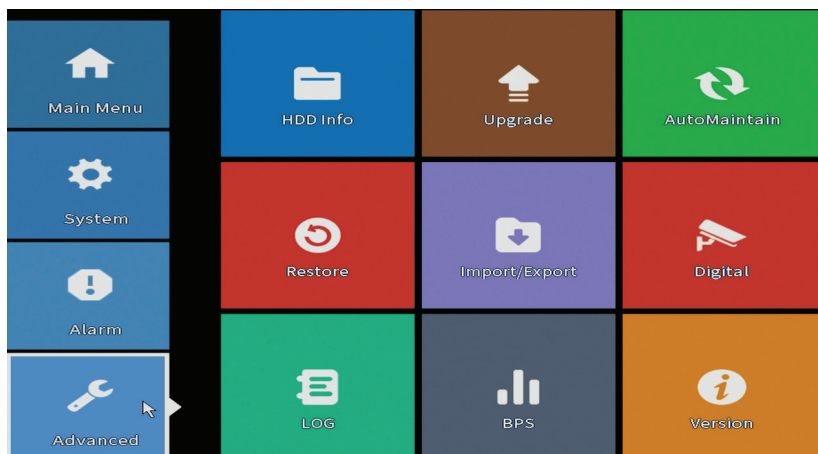
Traditional alarm (Alarma tradicional)

Configure el comportamiento del sistema en caso de que falte una imagen o una señal de video. En tales situaciones, puede configurar para enviar una notificación en la aplicación o un correo electrónico, iniciar la grabación, realizar capturas o guardar la grabación de alarma en un servidor FTP.



Advanced (Avanzado)

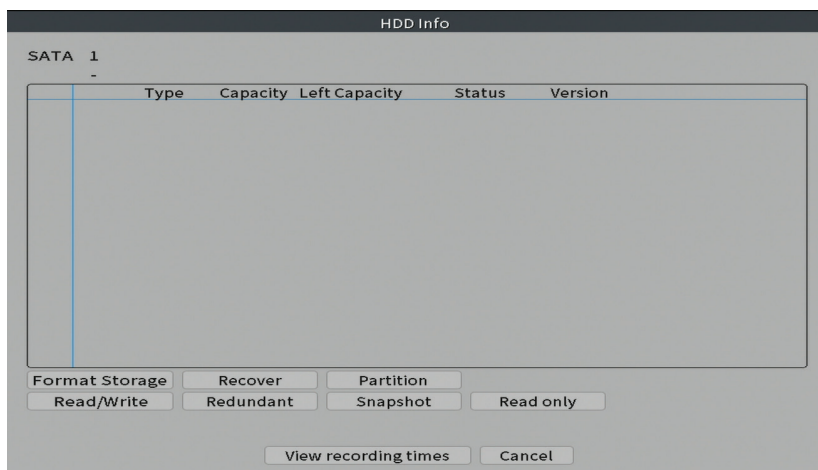
Opciones: HDD info, Upgrade, AutoMaintain, Restore, Import / Export, Digital, LOG, BPS y Version.



HDD info (Información del disco duro)

Establezca cómo funciona el disco duro (solo lectura o lectura-escritura).

Nota: Para guardar grabaciones en el disco duro, debe configurarse en modo lectura / escritura.



Upgrade

Inserte una memoria USB en el NVR que debe contener el archivo de actualización en la carpeta raíz. Seleccione la unidad de almacenamiento y el archivo del menú NVR y haga clic en el botón Actualizar.

The screenshot shows the 'Upgrade' menu with the following options:

- Upgrade Position:** A dropdown menu.
- Upgrade file:** A dropdown menu with an 'Upgrade' button next to it.
- Online Upgrade:** A section header.
- Has the latest firmware:** A section header with an 'Upgrade' button next to it.
- ☐ Tips Latest updates
- ☒ Automatic upgrade critical updates
- ☐ Forbid remote upgrade
- Camera Upgrade:** A section header.
- Camera Selection:** A row of buttons numbered 1 through 16, followed by an 'All' button.
- Upgrade Position:** A dropdown menu with an 'Upgrade' button next to it.
- Upgrade file:** A dropdown menu with a 'Cancel' button next to it.
- Online Upgrade:** A section header with an 'Upgrade' button next to it.
- Cancel:** A button at the bottom center.

AutoMaintain

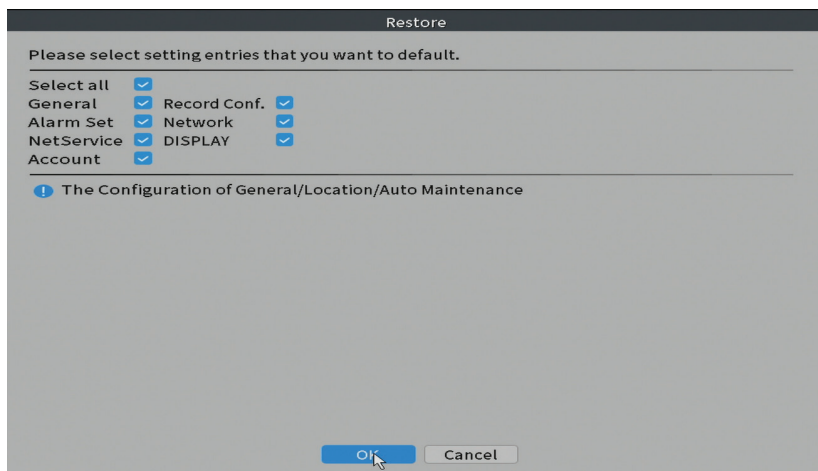
Configure el sistema para que se reinicie en un día y una hora determinados o configure la eliminación automática de archivos con una antigüedad superior a un determinado período.

The screenshot shows the 'AutoMaintain' menu with the following options:

- Auto-Reboot System:** A section header.
- Frequency:** A dropdown menu showing 'Every Tuesday'.
- at:** A dropdown menu showing '01:00'.
- Auto-Delete Old Files:** A section header.
- Frequency:** A dropdown menu showing 'Never'.
- OK:** A button at the bottom center.
- Cancel:** A button at the bottom right.

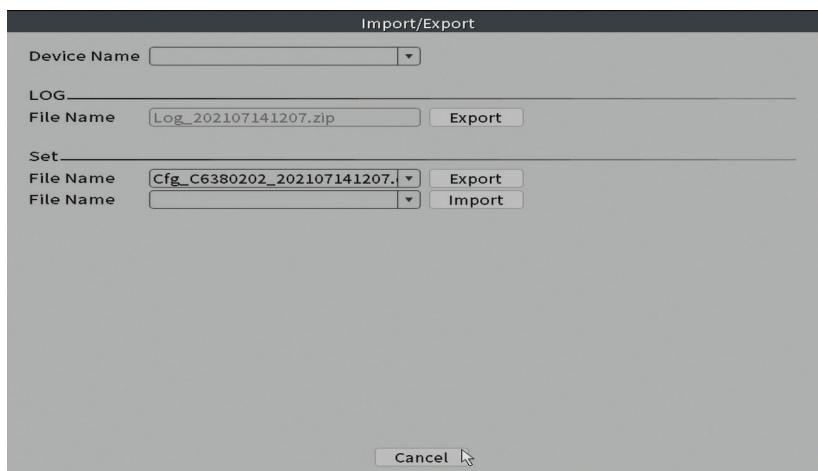
Reset

Seleccione las opciones que desea restablecer.



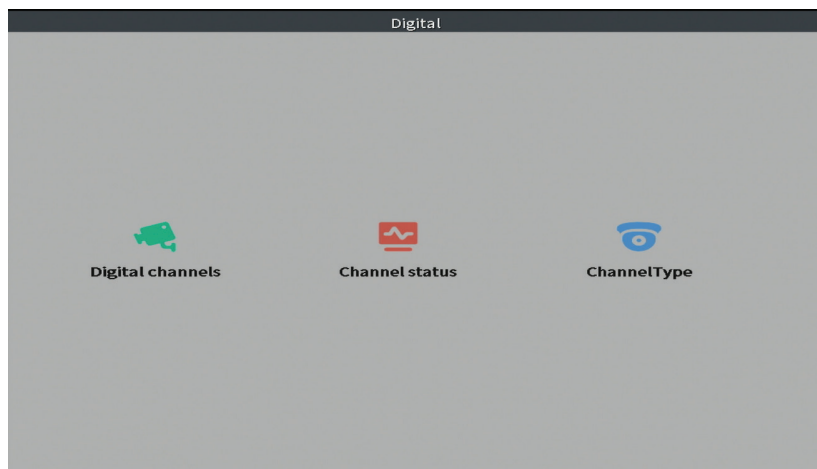
Importación y exportación

Exportar o importar la configuración del sistema.



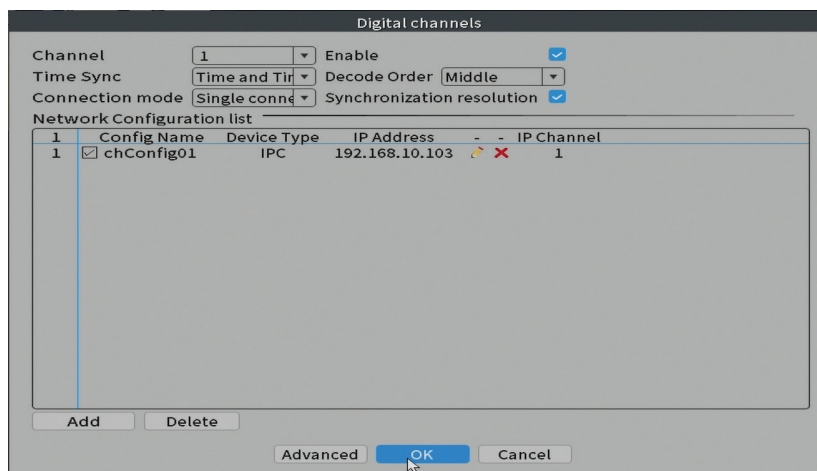
Digital

Opciones: Digital channels, Channel status y Channel Type.



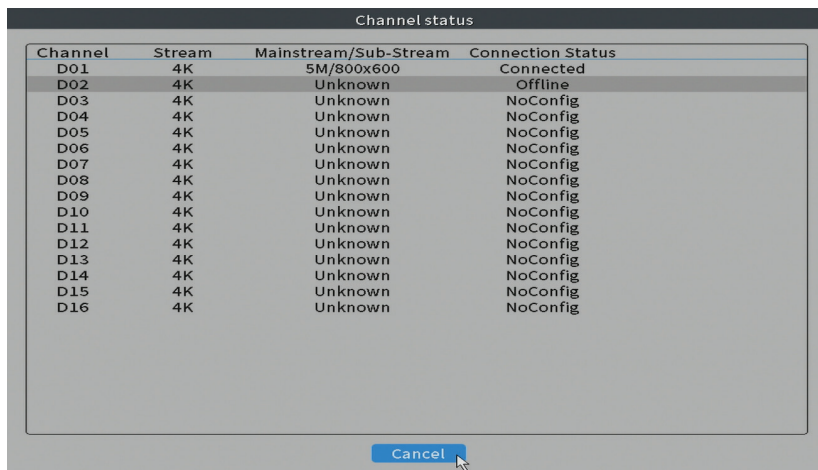
Digital channels (Canales digitales)

Agrega una cámara en un canal específico. Haga clic en el botón Agregar, luego en Buscar para encontrar todas las cámaras conectadas en la misma red (mismo enrutador) con el NVR.



Channel status (Estado del canal)

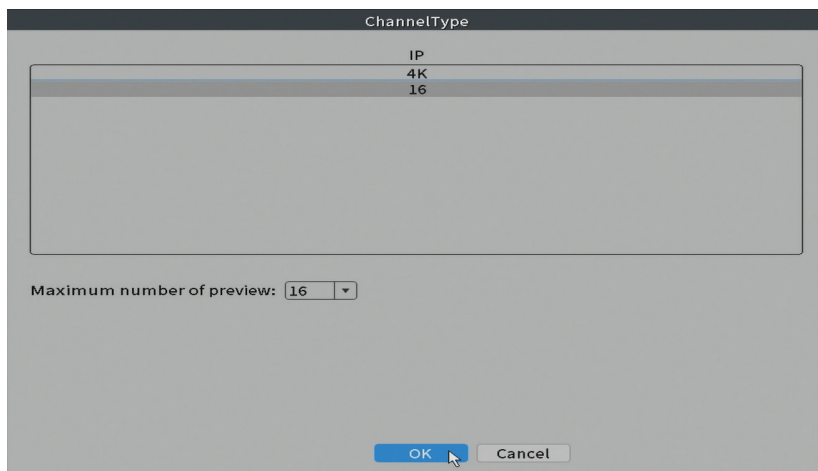
Muestra el estado (conectado, desconectado o no configurado) de los 16 canales.



Channel	Stream	Mainstream/Sub-Stream	Connection Status
D01	4K	5M/800x600	Connected
D02	4K	Unknown	Offline
D03	4K	Unknown	NoConfig
D04	4K	Unknown	NoConfig
D05	4K	Unknown	NoConfig
D06	4K	Unknown	NoConfig
D07	4K	Unknown	NoConfig
D08	4K	Unknown	NoConfig
D09	4K	Unknown	NoConfig
D10	4K	Unknown	NoConfig
D11	4K	Unknown	NoConfig
D12	4K	Unknown	NoConfig
D13	4K	Unknown	NoConfig
D14	4K	Unknown	NoConfig
D15	4K	Unknown	NoConfig
D16	4K	Unknown	NoConfig

Channel type (Tipo de canal)

Muestra el número máximo de cámaras y la resolución de las cámaras que se pueden conectar al sistema. El NVR PNI IP716 admite un máximo de 16 cámaras IP con una resolución máxima de 4K.



ChannelType

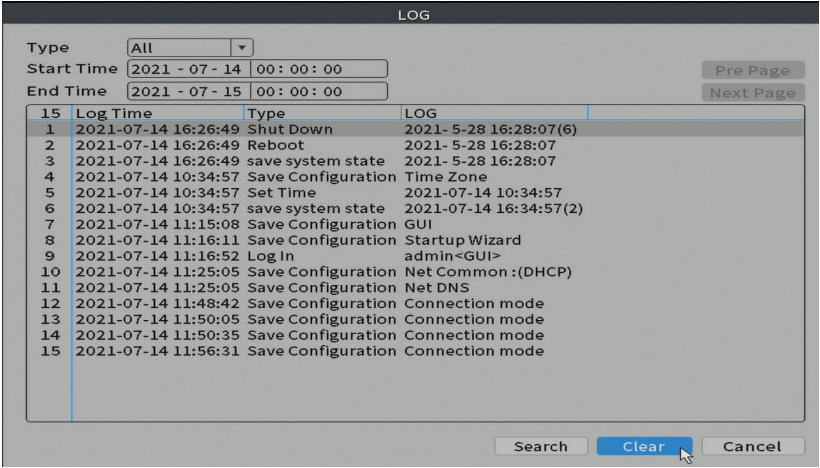
IP
4K
16

Maximum number of preview: 16 ▼

OK Cancel

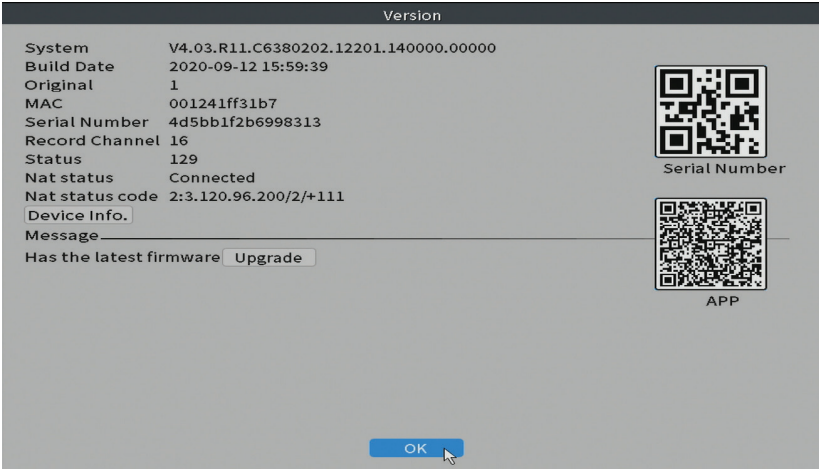
Log

Muestra el historial de acciones realizadas en el sistema.



Version (Versión)

Muestra información útil sobre el firmware y el código QR con el número de serie del sistema (útil para agregarlo a la aplicación móvil) y el código QR para descargar la aplicación móvil.



Otras opciones de menú

Haga clic derecho en la pantalla para mostrar opciones adicionales:

Channel Set, Record Mode, Playback, Face detection, IPC parameters, Color settings, Split menu, PTZ Control, Output adjust, NetDetect, Logout.



Channel set (Conjunto de canales)

La interfaz permite agregar y administrar las cámaras agregadas al sistema.

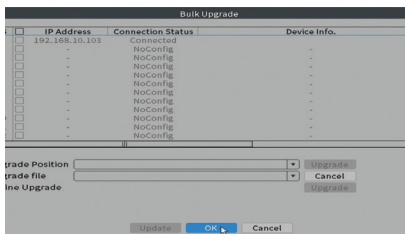
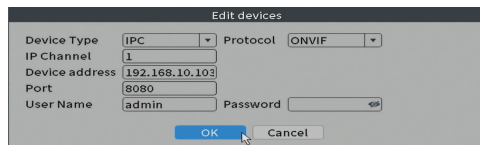
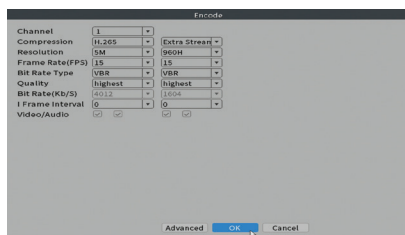
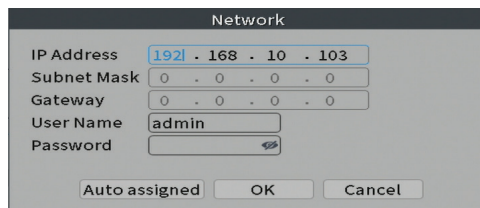
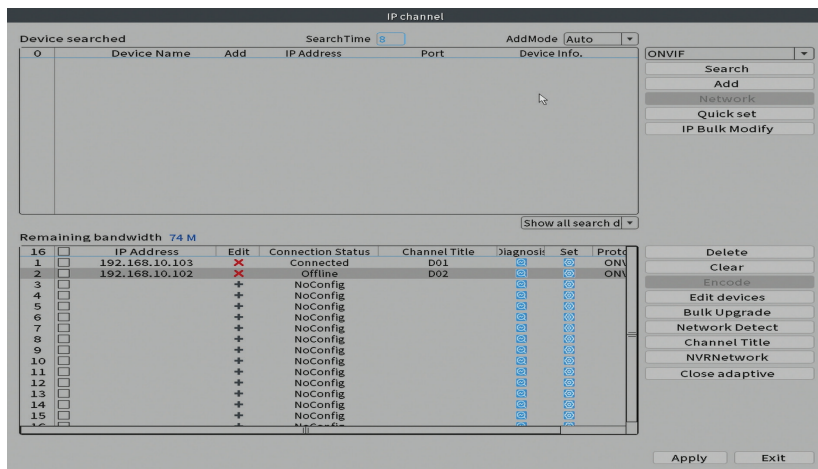
Agregar interfaz de cámaras

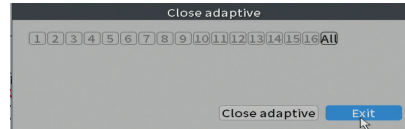
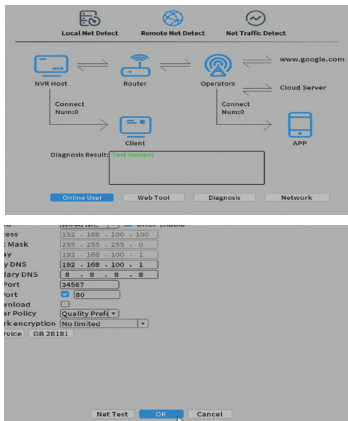
1. Seleccione el protocolo de comunicación entre el NVR y las cámaras. Opciones: NETIP, ONVIF, Full Netcom.
2. **Search.** Presione la tecla Buscar para buscar cámaras conectadas al mismo enrutador (misma red) que el NVR.
3. **Add.** De la lista de cámaras mostradas, seleccione las cámaras deseadas y haga clic en Agregar para agregarlas al sistema..
4. **Network.** Configure los parámetros de red para las cámaras (dirección IP, puerta de enlace, etc.)
5. **Quick set.** Adición y configuración rápidas de cámaras.
6. **IP Bulk Modify.** Cambio rápido de IP a múltiples cámaras.

Interfaz de canales

1. **Delete.** Elimina la cámara del canal seleccionado. Haga clic en Aplicar para ejecutar.
2. **Clear.** Elimina la información del canal seleccionado. Haga clic en Aplicar para ejecutar.
3. **Encode.** Muestra los parámetros técnicos de las cámaras conectadas (resolución, velocidad de cuadros, compresión de video, calidad, etc.).
4. **Edit devices.** Cambiar IP y puerto para el canal seleccionado.

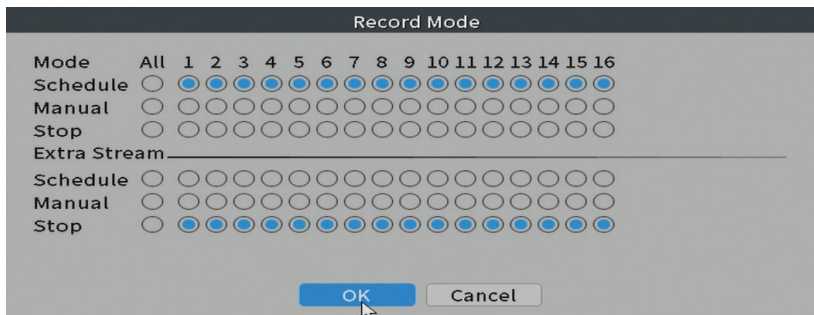
5. **Bulk upgrade.** Actualización de firmware para cámaras seleccionadas.
6. **Network detect.** Pruebas y diagnósticos de servidores y redes en la nube.
7. **Channel title.** Cambiar el nombre de las cámaras.
8. **NVR Network.** Configurar los parámetros de red del NVR.
9. **Close adaptive.** Desactiva la función de adaptación de IP para las cámaras seleccionadas.





Record mode (Modo de grabación)

Configure el modo de grabación (manual o programado) para cada canal.



Playback (Reproducción)

Atajo para acceder a la interfaz de búsqueda y reproducción de grabaciones.

Face detection (Detección de rostro)

La interfaz solo está disponible para cámaras que admitan esta función.

Color settings (Configuraciones de color)

Ajuste los parámetros de color (brillo, contraste, saturación, etc.) para la interfaz de visualización de la cámara.

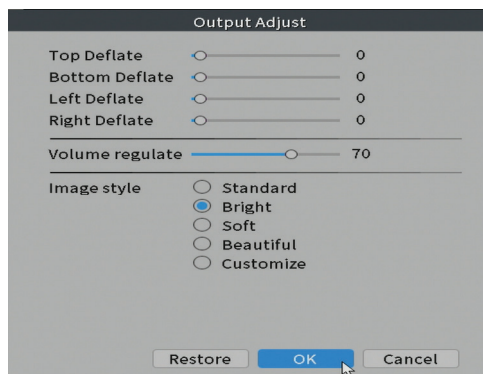


Split menu (Menú dividido)

Seleccione cómo mostrar las cámaras en la misma pantalla. Opciones: mostrar 1 cámara, 2, 4, 6, 8, 9 o 16 cámaras simultáneamente.

Output Adjust (Ajustes de imagen)

Configure el volumen y la imagen.



Net Detect

1. Local Net Detect. Monitoreo y diagnóstico de la conexión de la cámara.

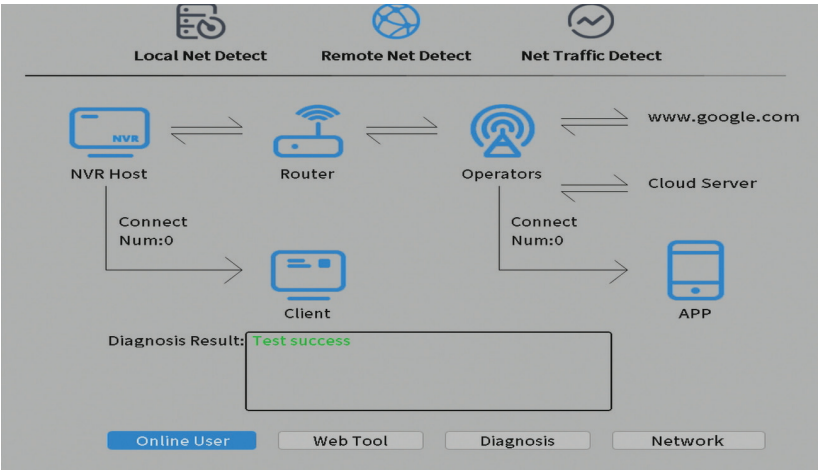
Local Net DetectRemote Net DetectNet Traffic Detect

Channel	Sender IP address	Drop-off in the past week	Diagnosis	De
☐	1192.168.10.103	0	☐	
☐	2---	---	☐	
☐	3---	---	☐	
☐	4---	---	☐	
☐	5---	---	☐	
☐	6---	---	☐	
☐	7---	---	☐	
☐	8---	---	☐	
☐	9---	---	☐	
☐	10---	---	☐	
☐	11---	---	☐	
☐	12---	---	☐	
☐	13---	---	☐	
☐	14---	---	☐	
☐	15---	---	☐	
☐	16---	---	☐	

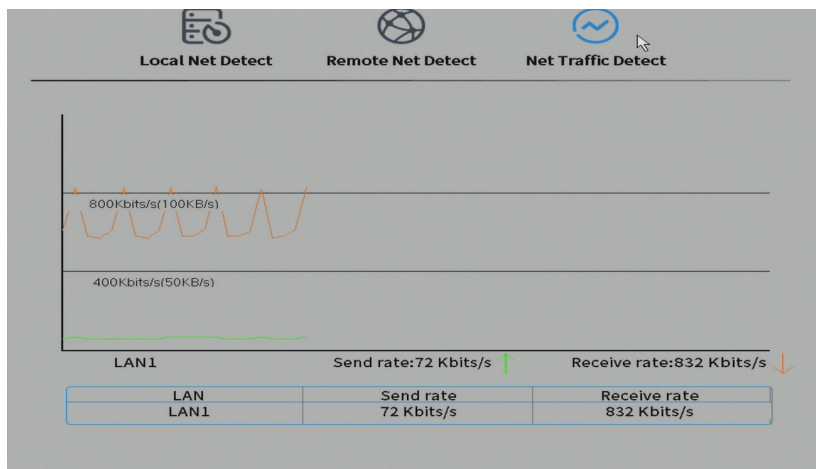
Enable☒Reset Count

5

2. Remote Net Detect. Monitorización, diagnóstico y configuración de red y servidor Cloud.

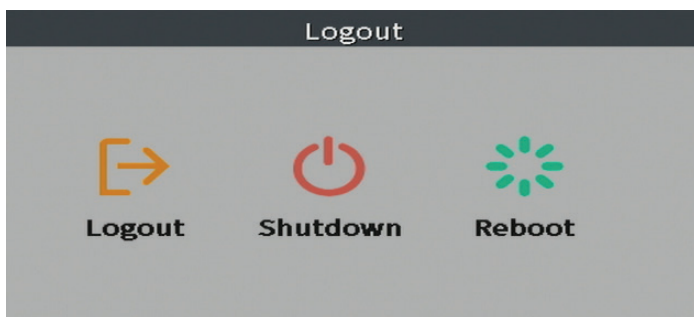


3. Net traffic Detect. Monitoreo del tráfico de datos realizado por NVR en la red.



Logout (Cerrar sesión)

Cierre sesión, apague o reinicie el sistema.



Fonctions principales

- Enregistrement multicanal simultané en temps réel, lecture et configuration à distance
- Prend en charge jusqu'à 16 canaux avec une résolution maximale de 4K.
- Sauvegarde sur mémoire flash USB et disque dur externe.
- Prend en charge la détection de visage et de forme humaine (selon la caméra)
- Possibilité de connecter un haut-parleur externe.

Spécifications techniques

Entrée vidéo	16 x 4K (access bandwidth 72Mbps)
Sortie vidéo	1 x VGA / 1 x HDMI
Compression de vidéo	H.265AI/H.265+ (compatible H.265/H.264)
Résolution de lecture	Maxim 2K (2560 x 1440)
Compression audio	G.711A
Sortie audio	1x3,5 mm
Mode d'enregistrement	Manuel, alarme, détection de mouvement, programmé
USB	2 x USB2.0
HDD	1 x HDD SATA (max. 14Tb)
ONVIF	Oui
Tension d'alimentation	12V / 2A
Dimensions	255 x 210 x 45 mm
Température de fonctionnement	-26°C ~ +60°C

Mode d'emploi

Installation de l'unité de stockage

Avant la première utilisation, veuillez installer l'unité de stockage. Un seul disque dur SATA d'une capacité maximale de 14 To peut être installé à l'intérieur de l'unité d'enregistrement (le disque dur n'est pas inclus dans l'emballage).

- Desserrez les vis et ouvrez le boîtier du NVR
- Connectez les câbles de données et fixez le disque dur avec les vis
- Fermez le boîtier du NVR
- Connectez le câble d'alimentation et Internet au NVR

Allumez l'appareil

Branchez le cordon d'alimentation dans une prise 230V. Le NVR démarrera. L'indicateur LED s'allumera. Par défaut, 16 canaux seront affichés à l'écran.

Si l'heure de début se situe dans le calendrier prédéfini pour l'enregistrement, la fonction d'enregistrement démarrera automatiquement.

Remarques:

1. Vérifiez que la tension d'entrée correspond à la tension recommandée de l'appareil. La tension d'alimentation est de $230V \pm 10\%$ / 50 Hz 2A.
2. Nous vous suggérons d'utiliser un onduleur pour protéger l'appareil des fluctuations de tension.

Éteignez l'appareil

Il existe deux façons d'éteindre l'appareil.

1. Accédez au menu principal (clic droit sur l'écran) et sélectionnez l'option Déconnexion - Arrêt
2. Coupez l'alimentation.

Mises en garde spéciales:

1. Redémarrez après une panne de courant. Si l'appareil est fermé de manière anormale, il crée une sauvegarde et redémarre à partir de cet état une fois l'alimentation rétablie.
2. Remplacez la batterie sur la carte système. Avant de remplacer la batterie, vous devez sauvegarder les paramètres de votre système (voir chapitre Advanced-Import / Export) et couper l'alimentation. L'heure et la date de l'appareil doivent être à nouveau réglées après le remplacement de la batterie. Nous vous recommandons de remplacer la batterie chaque année.

Télécommande de l'appareil

Le NVR peut être contrôlé localement ou à distance à partir de smartphones et d'ordinateurs dotés du système d'exploitation Windows.

Système opérateur	Application	Télécharger	
Android, iOS	XMEye		
		Android	iOS
Windows	General CMS	Le fichier d'installation peut être téléchargé à partir du CD inclus dans l'emballage ou à partir de la section Téléchargement de la page Web du produit (www.pni.fr)	

Authentification du système

Après avoir allumé l'appareil, connectez-vous au système.

Par défaut, l'utilisateur admin est protégé par mot de passe par 1234. Si le mot de passe est mal saisi 5 fois de suite, le compte sera bloqué. En redémarrant l'appareil ou après une demi-heure, le compte sera déverrouillé automatiquement.

Remarque : Pour la sécurité de votre système, veuillez changer le mot de passe après la première connexion.

Guide d'installation rapide

Après avoir démarré l'appareil, le guide d'installation rapide démarre.

Remarque : nous vous recommandons de configurer le système avant d'installer le NVR et les caméras à l'emplacement final.

Étapes à suivre:

1. Réglez l'heure, la date et le fuseau horaire.
2. Bientôt, une fenêtre contextuelle apparaîtra à l'écran vous demandant de modifier le mot de passe d'authentification dans le système. Suivez les étapes à l'écran ou appuyez sur la touche ESC du NVR pour quitter l'interface de configuration du mot de passe.

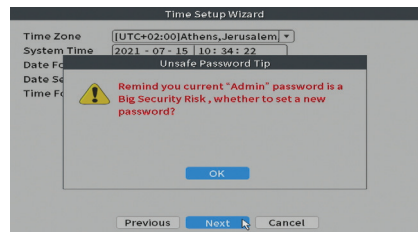
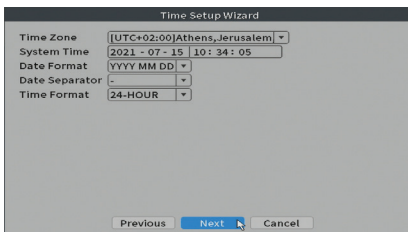
Remarque: Pour la sécurité de votre système, nous vous recommandons de changer le mot de passe après la première connexion au système.

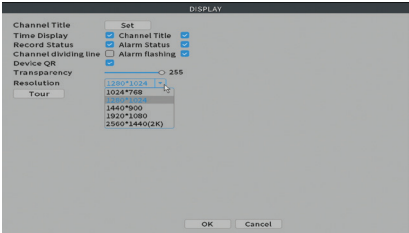
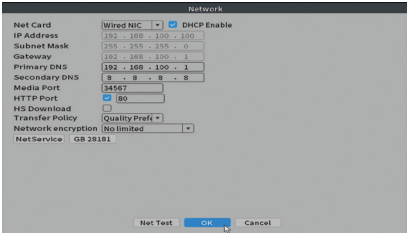
3. Définissez les paramètres réseau manuellement ou activez l'option DHCP pour le téléchargement automatique.
4. Scannez le code QR à l'écran pour installer l'application XMEye sur votre téléphone mobile. Scannez le code QR avec le numéro de série pour ajouter le système à l'application.
5. Définissez les options d'affichage et la résolution du moniteur connecté au NVR. Résolution maximale prise en charge 2560x1440 (2K).

Remarque: avant de modifier la résolution, assurez-vous que votre moniteur prend en charge cette résolution. Si la résolution définie est supérieure à la résolution de votre moniteur, rien n'apparaîtra sur le moniteur et vous ne pourrez pas accéder au menu. Si cela se produit, connectez le NVR à un moniteur de résolution inférieure, accédez au menu et modifiez la résolution.

6. Appuyez sur la touche OK pour terminer la configuration de base du système.
7. Faites un clic droit sur l'écran et accédez à l'option NetDetect. Cliquez sur Diagnostiquer pour tester la configuration réseau.

Remarque: pour que les paramètres prennent effet, redémarrez le système. clic droit sur l'écran - Logout - Reboot.





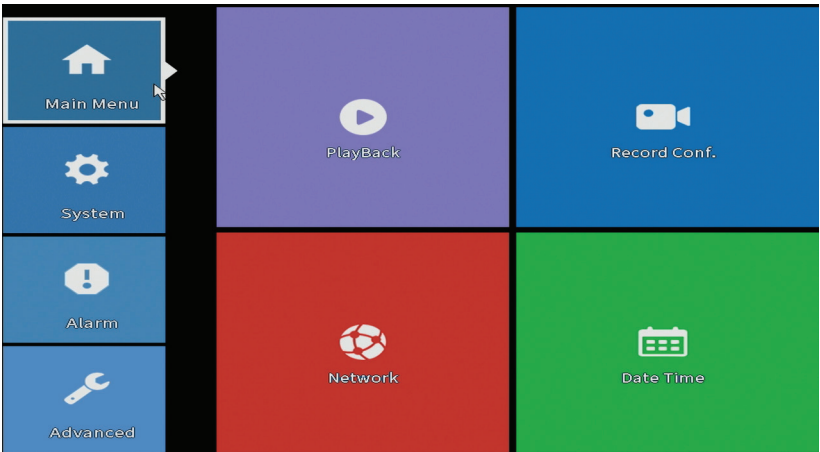
Le menu

Dans l’interface principale de prévisualisation, faites un clic droit avec la souris pour accéder au menu.



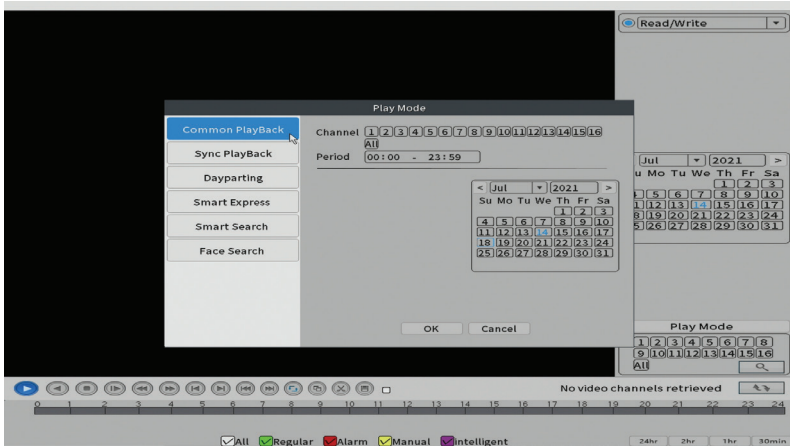
Main Menu (Menu principal)

Options: Playback, Record Conf, Network, Date Time.



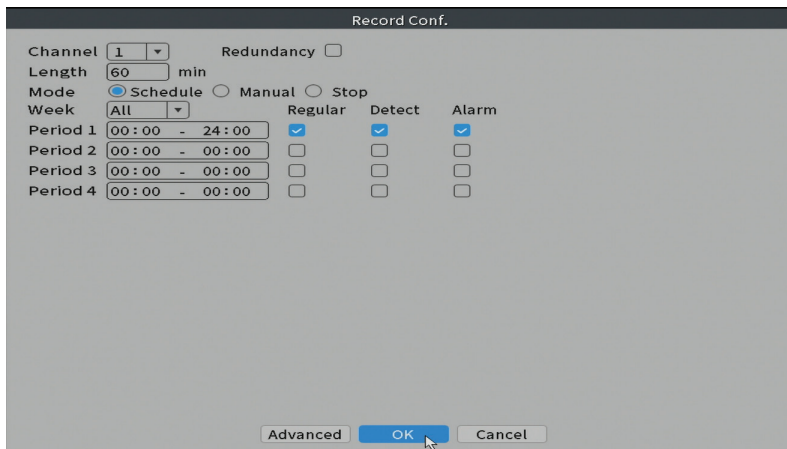
Playback (Relecture)

Le système propose de nombreux filtres et options pour identifier l'enregistrement souhaité. Vous pouvez rechercher par numéro de chaîne, date et intervalle de temps ou par type de fichier.



Record Conf. (Configuration enregistrer)

L'interface permet de faire les réglages suivants : la durée d'un fichier d'enregistrement, le mode d'enregistrement (programmé ou manuel), la période (jour et intervalle de temps) et le type d'enregistrement (normal, détection de mouvement et alarme).



Network (Réseau)

Définissez manuellement les paramètres réseau (adresse IP, passerelle, DNS, port, etc.) ou cochez l'option DHCP pour la récupération automatique des paramètres.

Remarque : pour que les paramètres prennent effet, redémarrez le système. Cliquez droit sur l'écran - Logout - Reboot.

Network

Net Card: Wired NIC ☒ DHCP Enable

IP Address: 192 . 168 . 100 . 100

Subnet Mask: 255 . 255 . 255 . 0

Gateway: 192 . 168 . 100 . 1

Primary DNS: 192 . 168 . 100 . 1

Secondary DNS: 8 . 8 . 8 . 8

Media Port: 34567

HTTP Port: ☒ 80

HS Download: ☐

Transfer Policy: Quality Preferred

Network encryption: No limited

NetService: GB 28181

Buttons: Net Test, OK, Cancel

Date time (Date et heure)

Réglez le fuseau horaire, la date, l'heure et le format.

Date Time

Time Zone: [UTC+02:00]Athens,Jerusalem

System Time: 2021 - 07 - 14 11:20:16

Date Format: YYYY MM DD

Date Separator: -

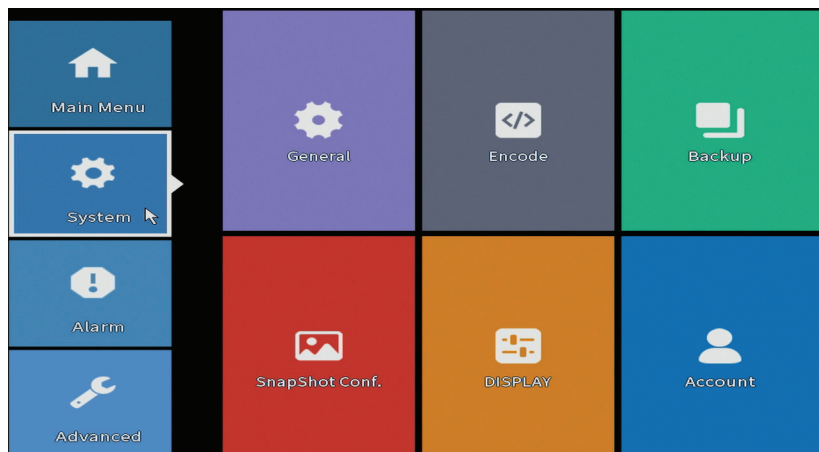
Time Format: 24-HOUR

DST: ☐

Buttons: Default, OK, Cancel

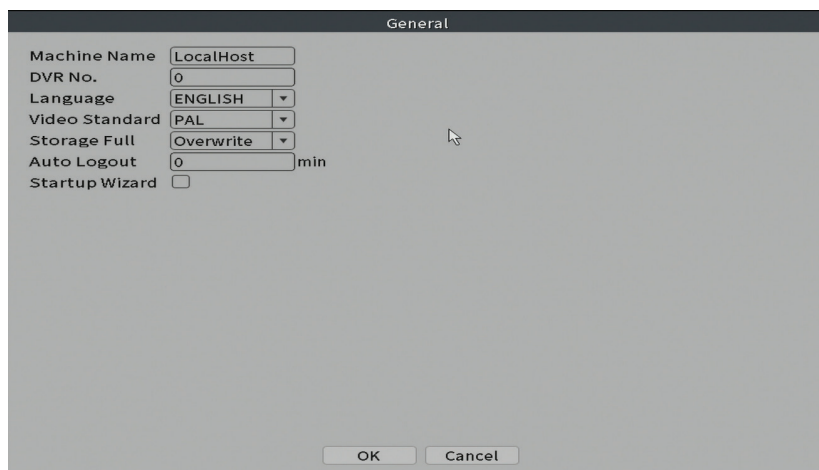
System (Système)

Options: General, Encode, Backup, Snapshot Config., Display, Account.



General (Général)

L'interface permettra les réglages suivants : la langue d'affichage du menu, le comportement en cas de disque dur plein (écraser ou arrêter l'enregistrement), la durée de la session et activer/désactiver le guide de configuration rapide au démarrage du système.



Encode (Encoder)

Affiche les paramètres techniques des caméras connectées (résolution, fréquence d'images, compression vidéo, qualité, etc.).

Parameter	Value	Parameter	Value
Channel	1	Extra Stream	
Compression	H.265		
Resolution	5M	960H	
Frame Rate(FPS)	15	15	
Bit Rate Type	VBR	VBR	
Quality	highest	highest	
Bit Rate(Kb/S)	4012	1604	
I Frame Interval	0	0	
Video/Audio	☒	☒	

Advanced OK Cancel

Backup (Sauvegarde)

La mémoire USB ou le disque dur externe doit être installé dans le NVR avant de démarrer la sauvegarde. Appuyez sur le bouton Détecter pour identifier le périphérique de stockage, puis sur le bouton Sauvegarder pour effectuer la sauvegarde.

0	Name(Type)	Remain/Total	Device Status

Detect Backup Erase

Cancel

Snapshot Config (Configuration d'instantané)

Configurez pour effectuer des captures cycliques à un certain moment et les envoyer par e-mail, FTP ou les stocker sur votre disque dur.

SnapShot Conf.

Channel 1

☒ Cycle capture

☒ EMAIL 64 Sec.

☒ FTP 64 Sec.

☒ storage 64 Sec.

☐ Timing capture

0	Capture time	Delete	EMAIL	FTP	storage

☐ EMAIL ☐ FTP ☒ storage

Capture time 00 : 00 : 00 Add

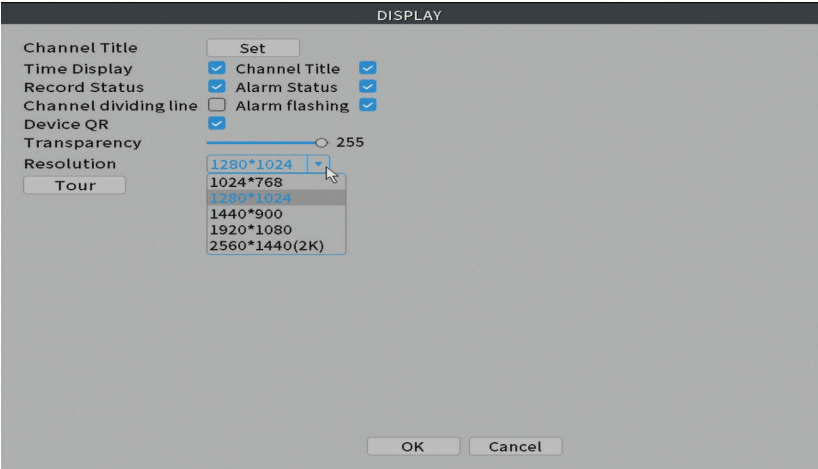
☐ Stop

OK Cancel

Display (Afficher)

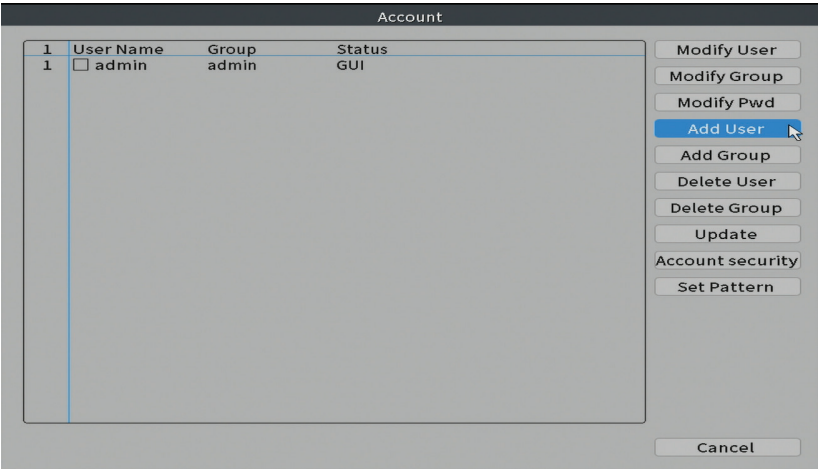
Dans le mode de prévisualisation local peuvent être affichés : l'heure, le nom du canal, l'état de l'enregistrement, l'état de l'alarme, la transparence et la résolution d'affichage.

Remarque : avant de modifier la résolution, assurez-vous que votre moniteur prend en charge cette résolution. Si la résolution définie est supérieure à la résolution de votre moniteur, rien n'apparaîtra sur le moniteur et vous ne pourrez pas accéder au menu. Si cela se produit, connectez le NVR à un moniteur de résolution inférieure, accédez au menu et modifiez la résolution.



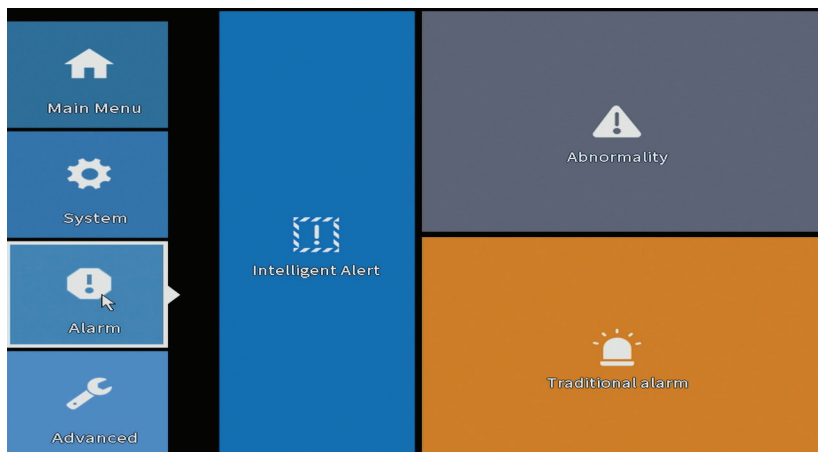
Account (Compte)

L'interface permet de gérer les utilisateurs ayant accès au système, d'ajouter des utilisateurs, de modifier les droits des utilisateurs, de modifier le mot de passe, de créer des groupes d'utilisateurs et de définir un niveau de sécurité de compte en enregistrant des réponses à certaines questions prédéfinies. En cas de réinitialisation du mot de passe, le code de vérification peut être envoyé dans l'application mobile ou à l'adresse e-mail définie. Pour augmenter la sécurité, vous pouvez définir un modèle d'accès au système.



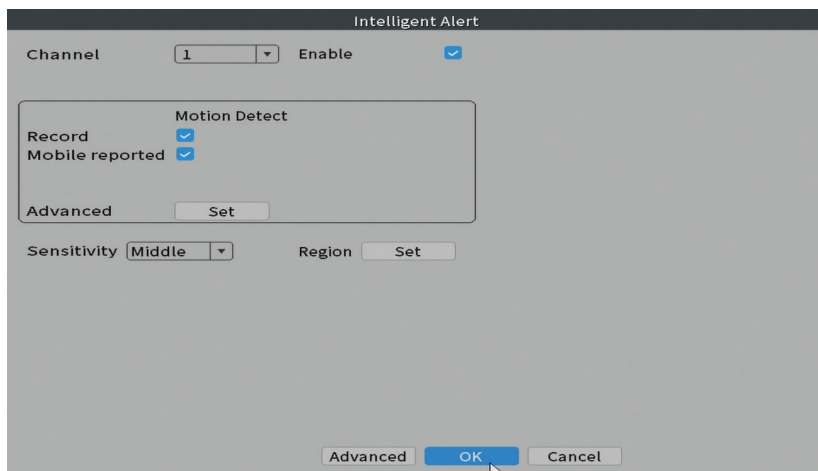
Alarm (Alarme)

Options: Intelligent Alert, Abnormality and Traditional alarm (Pas d'image, Pas de signal vidéo, etc.). L'entrée d'alarme et les options intelligentes ne sont pas disponibles pour ce modèle.



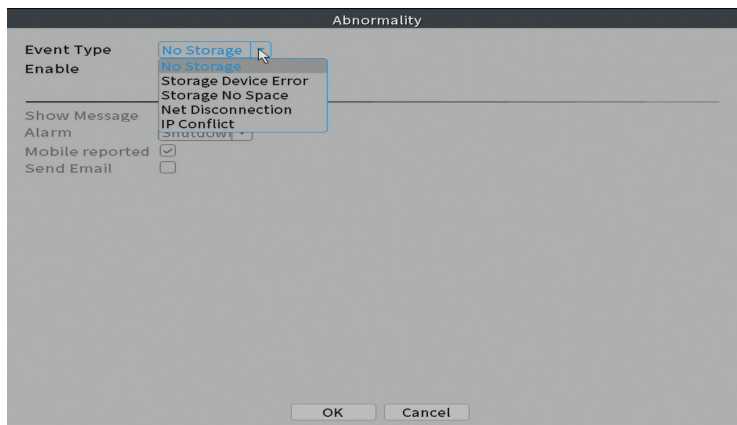
Intelligent Alert (Alerte intelligente)

Paramétrez le comportement du système en cas de détection de mouvement : enregistrement et/ou notification dans l'application. Réglez également le niveau de sensibilité au mouvement et la zone d'action.



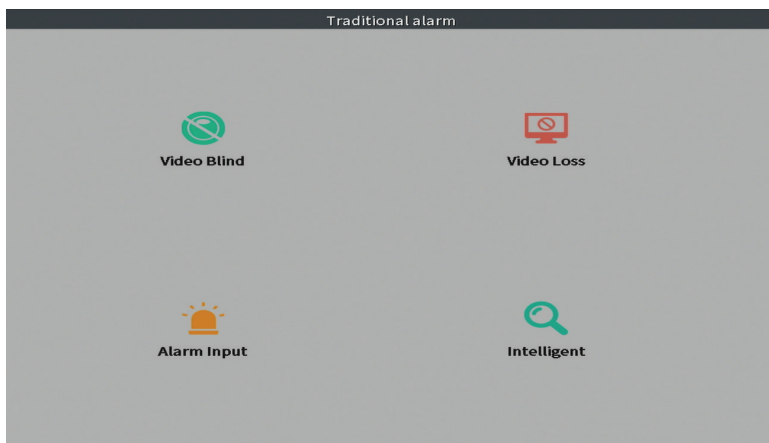
Abnormality (Anomalie)

Définissez le comportement du système en cas de : erreur de périphérique de stockage, manque d'espace sur le périphérique de stockage, manque de connexion Internet ou conflit IP. Dans de telles situations, vous pouvez configurer l'envoi d'une notification dans l'application ou par e-mail.



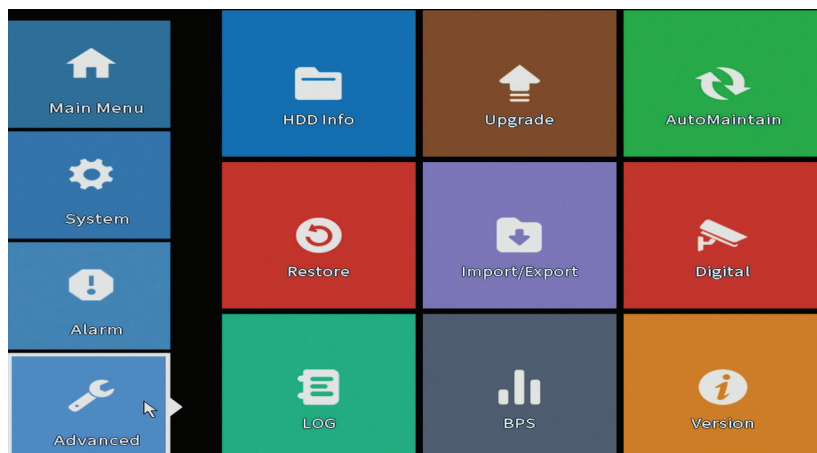
Traditional alarm (Alarme traditionnelle)

Définissez le comportement du système en cas d'image manquante ou de signal vidéo manquant. Dans de telles situations, vous pouvez configurer l'envoi d'une notification dans l'application ou un e-mail, démarrer l'enregistrement, effectuer des captures ou enregistrer l'enregistrement d'alarme sur un serveur FTP.



Advanced (Avancée)

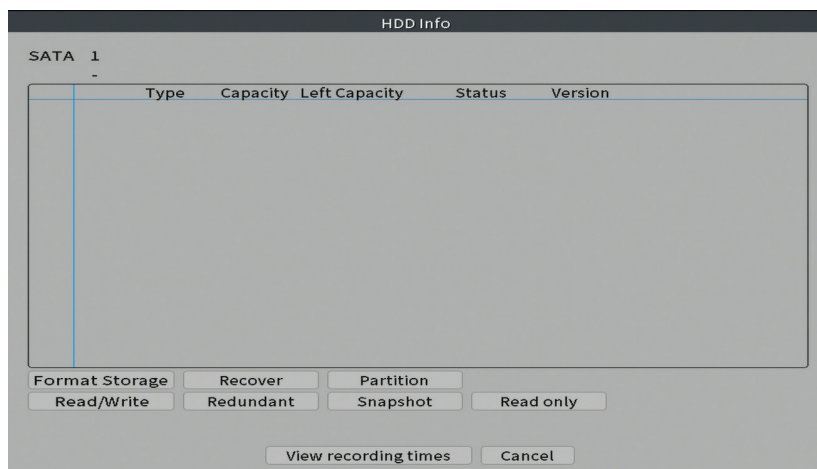
Options: HDD info, Upgrade, AutoMaintain, Restore, Import / Export, Digital, LOG, BPS et Version.



HDD info (Informations sur le disque dur)

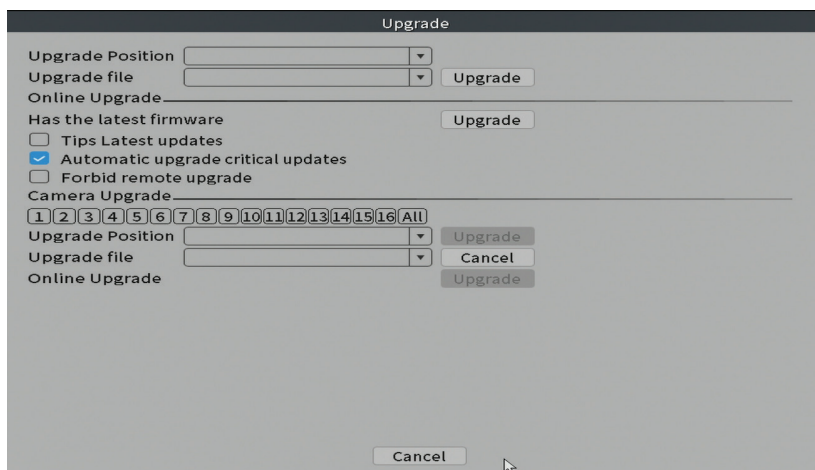
Définissez le fonctionnement du disque dur (lecture seule ou lecture-écriture).

Remarque : Afin de sauvegarder les enregistrements sur le disque dur, celui-ci doit être réglé en mode lecture/écriture.



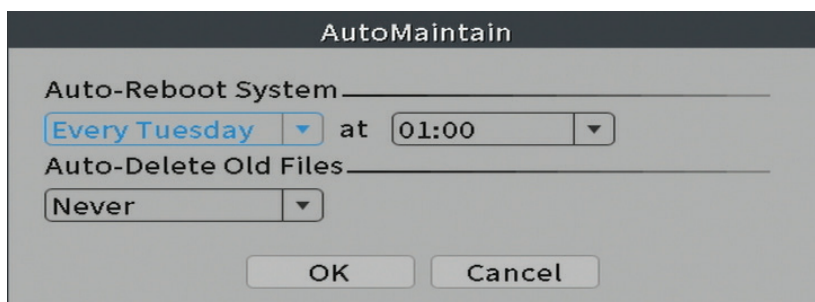
Upgrade

Insérez une clé USB dans le NVR qui doit contenir le fichier de mise à jour dans le dossier racine. Sélectionnez le lecteur de stockage et le fichier dans le menu NVR et cliquez sur le bouton Upgrade.



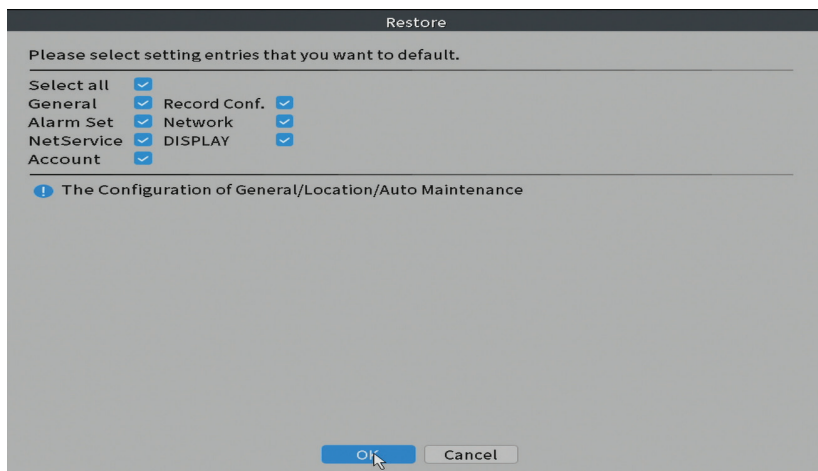
AutoMaintain (Maintenance automatique)

Configurez le système pour qu'il redémarre à un certain jour et à une certaine heure ou configurez la suppression automatique des fichiers antérieurs à une certaine période.



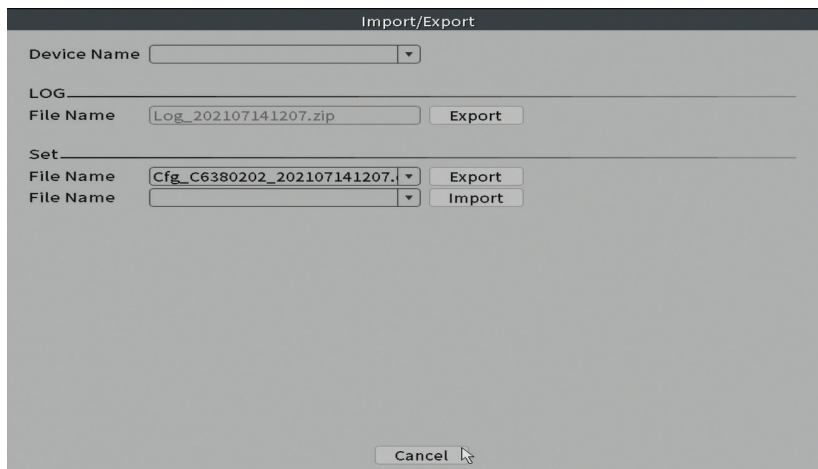
Restore (Réinitialiser)

Sélectionnez les options que vous souhaitez réinitialiser.



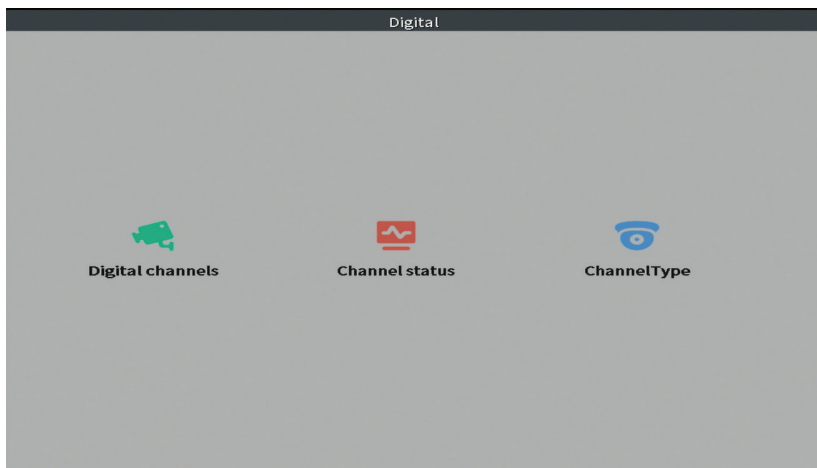
Import/Export

Exportez ou importez les paramètres système.



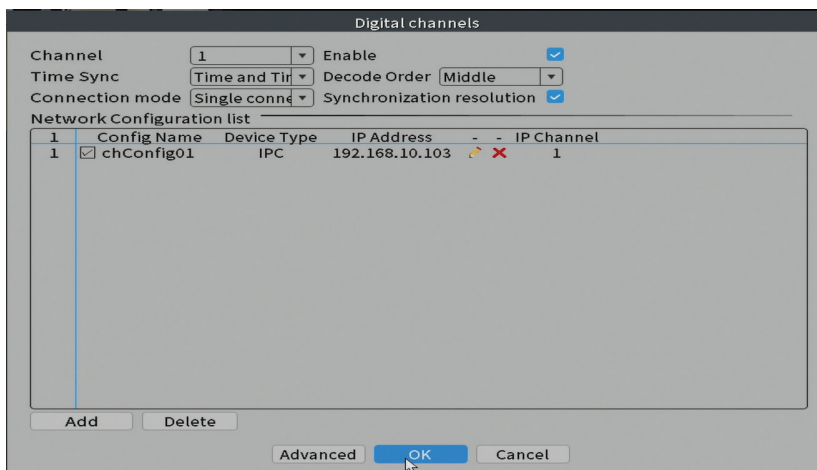
Digital (Numérique)

Options: Digital channels, Channel status and Channel Type.



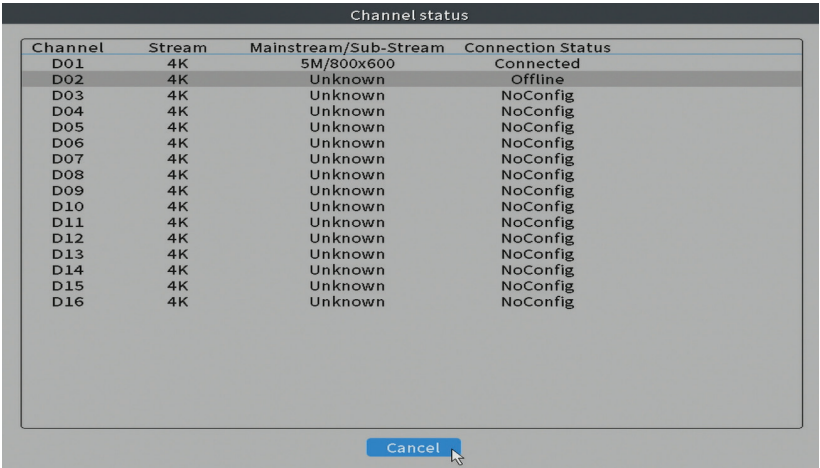
Digital channels (Chaînes numériques)

Ajouter une caméra sur un canal spécifique. Cliquez sur le bouton Ajouter, puis sur Rechercher pour trouver toutes les caméras connectées au même réseau (même routeur) avec le NVR.



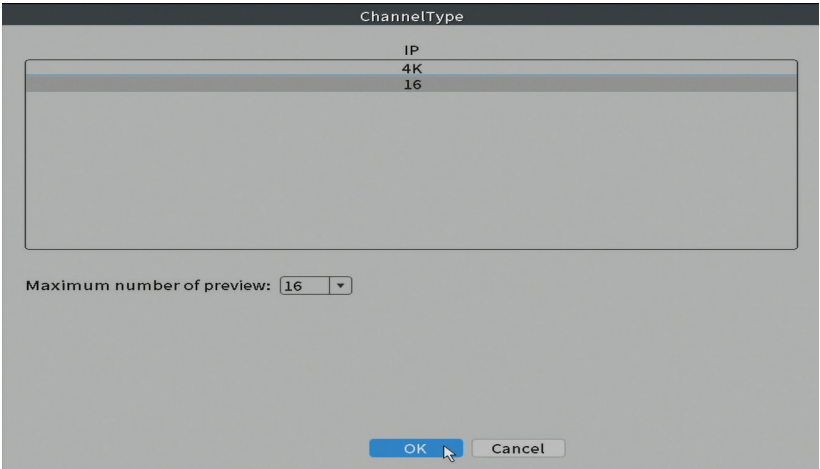
État du canal

Affiche l'état (connecté, non connecté ou non configuré) pour les 16 canaux.



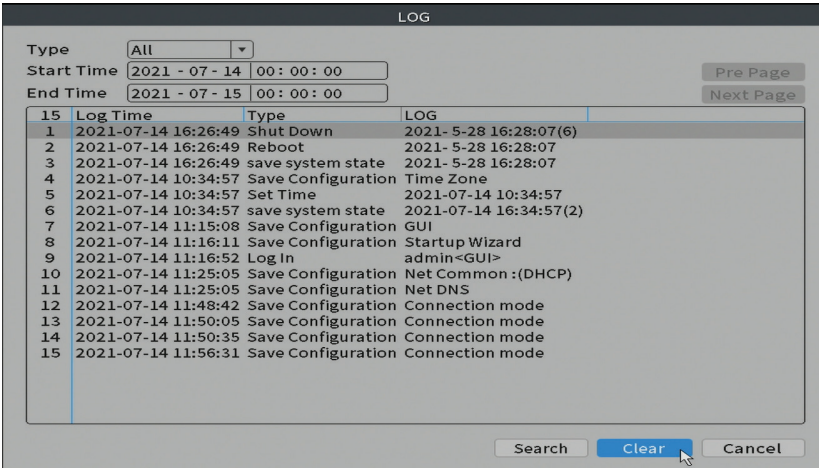
Channel type (Type de canal)

Affiche le nombre maximum de caméras et la résolution des caméras pouvant être connectées au système. Le NVR PNI IP716 prend en charge un maximum de 16 caméras IP avec une résolution maximale de 4K.



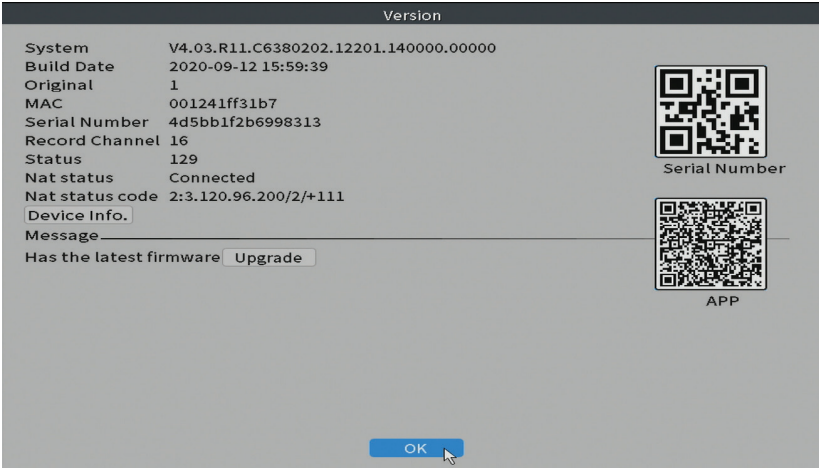
Log (Journal)

Affiche l'historique des actions effectuées dans le système.



Version

Affiche des informations utiles sur le firmware et le code QR avec le numéro de série du système (utile pour l'ajouter à l'application mobile) et le code QR pour télécharger l'application mobile.



Autres options de menu

Faites un clic droit sur l'écran pour afficher des options supplémentaires : Channel Set, Record Mode, Playback, Face detection, IPC parameters, Color settings, Split menu, PTZ Control, Output adjust, NetDetect, Logout.



Channel set (Ensemble de chaînes)

L'interface permet d'ajouter et de gérer les caméras ajoutées au système.

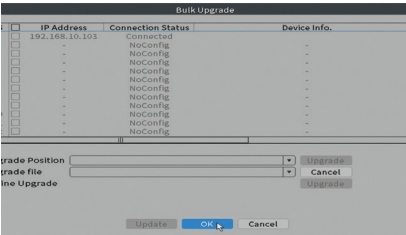
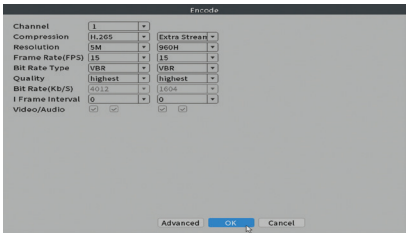
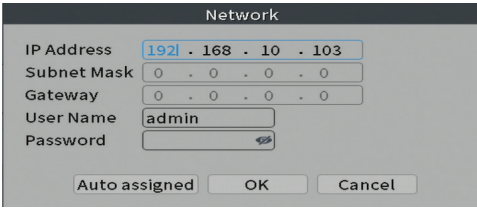
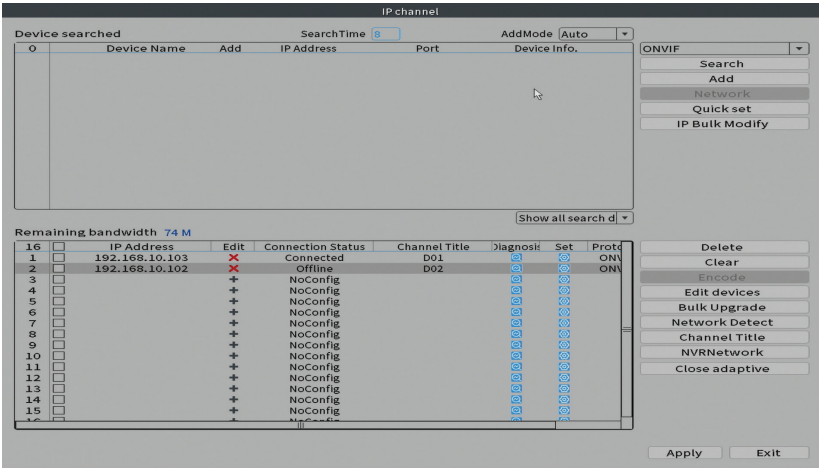
Ajouter de caméras

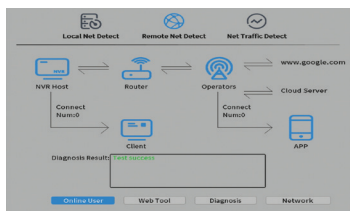
1. Sélectionnez le protocole de communication entre le NVR et les caméras. Options: NETIP, ONVIF, Full Netcom.
2. **Search.** Appuyez sur la touche Rechercher pour rechercher des caméras connectées au même routeur (même réseau) que le NVR.
3. **Add.** Dans la liste des caméras affichées, sélectionnez les caméras souhaitées et cliquez sur Ajouter pour les ajouter au système.
4. **Network.** Configurer les paramètres réseau des caméras (adresse IP, passerelle, etc.)
5. **Quick set.** Ajout et configuration rapide de caméras.
6. **IP Bulk Modify.** Changement rapide d'IP à plusieurs caméras.

Interface des canaux

1. **Delete.** Supprimez la caméra du canal sélectionné. Cliquez sur Appliquer pour exécuter.
2. **Clear.** Supprimez les informations sur la chaîne sélectionnée. Cliquez sur Appliquer pour exécuter.
3. **Encode.** Affiche les paramètres techniques des caméras connectées (résolution, fréquence d'images, compression vidéo, qualité, etc.).
4. **Edit devices.** Changer l'IP et le port pour le canal sélectionné.

- Bulk upgrade.** Mise à jour du firmware pour les caméras sélectionnées.
- Network detect.** Tests et diagnostics du réseau cloud et des serveurs.
- Channel title.** Renommer les caméras.
- NVR Network.** Configurer les paramètres du réseau NVR.
- Close adaptive.** Désactive la fonction d'adaptation IP pour les caméras sélectionnées.





This is a network configuration form. It includes fields for 'IP' (192.168.1.100), 'Mask' (255.255.255.0), 'gw' (192.168.1.1), 'vDNS' (192.168.1.100), and 'Port' (8080). There are checkboxes for 'Port', 'Quality', and 'Policy'. A 'Quality' dropdown is set to 'Quality'. A 'Policy' dropdown is set to 'No limited'. A 'Net Test' button is at the bottom.

This window is titled 'Channel Title'. It displays a list of channels from Channel1 to Channel16. Each channel has a corresponding input field. Channel1 is selected, and its value is 'D01'. Channel2 is selected, and its value is 'abc'. Channel3 is selected, and its value is 'D03'. Channel4 is selected, and its value is 'D04'. Channel5 is selected, and its value is 'D05'. Channel6 is selected, and its value is 'D06'. Channel7 is selected, and its value is 'D07'. Channel8 is selected, and its value is 'D08'. Channel9 is selected, and its value is 'D09'. Channel10 is selected, and its value is 'D10'. Channel11 is selected, and its value is 'D11'. Channel12 is selected, and its value is 'D12'. Channel13 is selected, and its value is 'D13'. Channel14 is selected, and its value is 'D14'. Channel15 is selected, and its value is 'D15'. Channel16 is selected, and its value is 'D16'. There are 'OK' and 'Cancel' buttons at the bottom.

This window is titled 'Close adaptive'. It displays a list of channels from 1 to 16. Each channel has a corresponding input field. Channel 1 is selected, and its value is '1'. Channel 2 is selected, and its value is '2'. Channel 3 is selected, and its value is '3'. Channel 4 is selected, and its value is '4'. Channel 5 is selected, and its value is '5'. Channel 6 is selected, and its value is '6'. Channel 7 is selected, and its value is '7'. Channel 8 is selected, and its value is '8'. Channel 9 is selected, and its value is '9'. Channel 10 is selected, and its value is '10'. Channel 11 is selected, and its value is '11'. Channel 12 is selected, and its value is '12'. Channel 13 is selected, and its value is '13'. Channel 14 is selected, and its value is '14'. Channel 15 is selected, and its value is '15'. Channel 16 is selected, and its value is '16'. There is an 'All' button at the bottom right. There are 'Close adaptive' and 'Exit' buttons at the bottom.

Record mode (Mode d'enregistrement)

Réglez le mode d'enregistrement (manuel ou programmé) pour chaque canal.

This window is titled 'Record Mode'. It displays a grid of radio buttons for each channel (1 to 16). The columns are labeled 'Mode', 'Schedule', 'Manual', and 'Stop'. The 'Mode' column has radio buttons for 'All', '1', '2', '3', '4', '5', '6', '7', '8', '9', '10', '11', '12', '13', '14', '15', and '16'. The 'Schedule' column has radio buttons for 'Schedule', 'Manual', and 'Stop'. The 'Manual' column has radio buttons for 'Schedule', 'Manual', and 'Stop'. The 'Stop' column has radio buttons for 'Schedule', 'Manual', and 'Stop'. The 'All' button is selected in the 'Mode' column. The 'Schedule' button is selected in the 'Schedule' column. The 'Manual' button is selected in the 'Manual' column. The 'Stop' button is selected in the 'Stop' column. There are 'OK' and 'Cancel' buttons at the bottom.

Playback (Relecture)

Raccourci pour accéder à l'interface de recherche et de lecture des enregistrements.

Face detection (Détection faciale)

L'interface n'est disponible que pour les caméras prenant en charge cette fonctionnalité.

Color settings (Paramètres de couleur)

Ajustez les paramètres de couleur (luminosité, contraste, saturation, etc.) pour l'interface de visualisation de la caméra.

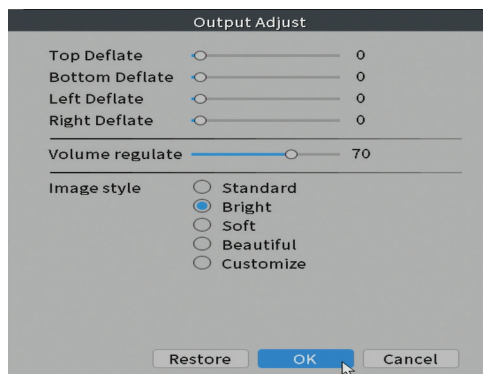


Split menu

Sélectionnez comment afficher les caméras sur le même écran. Options : afficher 1 caméra, 2, 4, 6, 8, 9 ou 16 caméras simultanément.

Output Adjust

Réglez le volume et l'image.



Net Detect

1. Local Net Detect. Surveillance et diagnostic de la connexion des caméras.

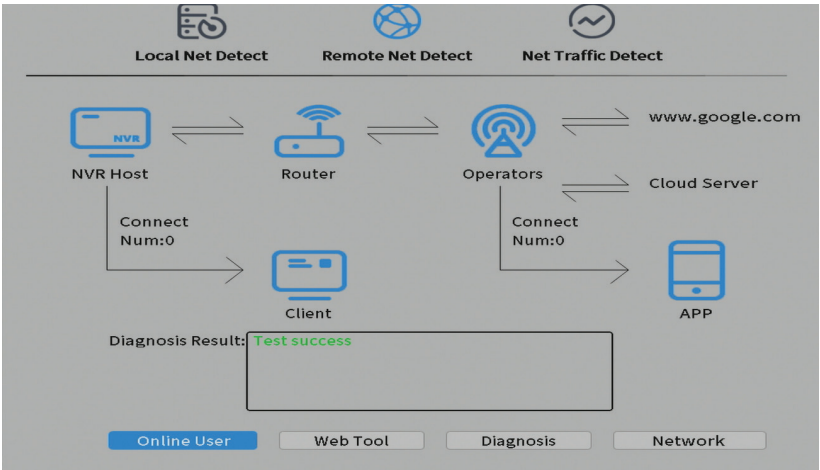
Local Net DetectRemote Net DetectNet Traffic Detect

Channel	Sender IP address	Drop-off in the past week	Diagnosis	De
☐	1192.168.10.103	0	☐	
☐	2---	---	☐	
☐	3---	---	☐	
☐	4---	---	☐	
☐	5---	---	☐	
☐	6---	---	☐	
☐	7---	---	☐	
☐	8---	---	☐	
☐	9---	---	☐	
☐	10---	---	☐	
☐	11---	---	☐	
☐	12---	---	☐	
☐	13---	---	☐	
☐	14---	---	☐	
☐	15---	---	☐	
☐	16---	---	☐	

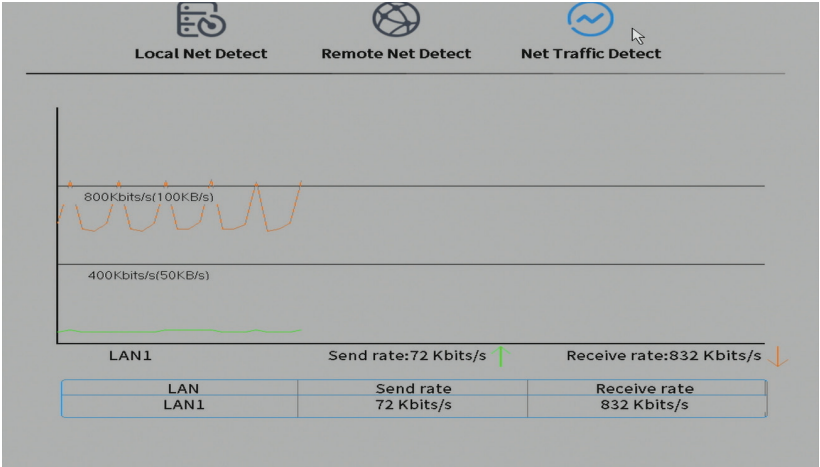
Enable☒Reset Count

5

2. Remote Net Detect. Surveillance, diagnostic et configuration du réseau et du serveur Cloud.

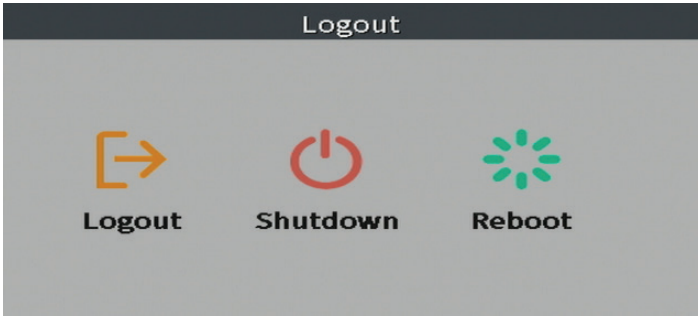


3. Net traffic Detect. Surveillance du trafic de données effectué par le NVR dans le réseau.



Logout

Déconnectez-vous, arrêtez ou redémarrez le système.



Fő funkciók

- Egyidejű valós idejű többcsatornás felvétel, távoli lejátszás és konfigurálás
- Akár 16 csatornát támogat, maximális 4K felbontással.
- Biztonsági másolat készítése USB flash memóriára és külső merevlemezre.
- Támogatja az arc és az emberi alak érzékelését (a kamerától függően)
- Külső hangszóró csatlakoztatásának lehetősége

Műszaki adatok

Videobemenet	16 x 4K (access bandwidth 72Mbps)
Videó kimenet	1 x VGA / 1 x HDMI
Videotömörítés	H.265AI / H.265 + (kompatibilis H.265 / H.264)
Lejátszási felbontás	Maxim 2K (2560 x 1440)
Hangtömörítés	G.711A
Hang kimenet	1 x 3,5 mm
Felvételi mód	Kézi, riasztó, mozgásérzékelő, programozott
USB	2 x USB2.0
HDD	1 x HDD SATA (max. 14Tb)
ONVIF	Igen
Tápfeszültség	12V / 2A
Méretek	255 x 210 x 45 mm
Üzemhőmérséklet	-26°C ~ +60°C

Használati útmutató

A tárolóegység telepítése

Az első használat előtt telepítse a tároló egységet. Csak egy SATA HDD-t lehet beépíteni a maximálisan 14 TB kapacitású felvevőegységbe (a HDD-t nem tartalmazza a csomag).

- Lazítsa meg a csavarokat, és nyissa ki az NVR házát
- Csatlakoztassa az adatkábeleket és rögzítse a merevlemez a csavarokkal
- Zárja vissza az NVR házát
- Csatlakoztassa a táp- és internetkábelt az NVR-hez

Kapcsolja be a készüléket

Csatlakoztassa a tápkábelt egy 230 V-os konnektorhoz. Az NVR elindul. A jelző LED kigyullad. Alapértelmezés szerint 16 csatorna jelenik meg a képernyőn. Ha a kezdési idő a rögzítés előre beállított ütemezésén belül van, akkor a felvételi funkció automatikusan elindul.

Megjegyzések:

1. Ellenőrizze, hogy a bemeneti feszültség megfelel-e a készülék ajánlott feszültségének. A tápfeszültség $230V \pm 10\% / 50 \text{ Hz } 2A$.
2. Javasoljuk, hogy használjon UPS-készüléket, hogy megvédje a készüléket a feszültségingadozásoktól.

Kapcsolja ki a készüléket

Két módon kapcsolhatja ki az eszközt.

1. Nyissa meg a főmenüt (kattintson a jobb gombbal a képernyőn), és válassza a Kijelentkezés - Leállítás lehetőséget
2. Kapcsolja ki az áramellátást.

Különleges figyelmeztetések:

1. Áramszünet után indítsa újra. Ha az eszköz rendellenesen zárva van, biztonsági másolatot hoz létre, és az áramellátás helyreállítása után újraindul ebből az állapotból.
2. Helyezze vissza az elemet az alaplagra. Az akkumulátor cseréje előtt biztonsági másolatot kell készítenie a rendszerbeállításokról (lásd: Haladó-Importálás / Exportálás fejezet), és kapcsolja ki az áramellátást. Az akkumulátor cseréje után újra be kell állítani az eszköz dátumát és dátumát. Javasoljuk, hogy minden évben cserélje ki az akkumulátort.

A készülék távvezérlése

Az NVR helyileg vagy távolról vezérelhető mind okostelefonokról, mind Windows operációs rendszerrel rendelkező számítógépekről.

Operációs rendszer	Alkalmazás	Letöltés	
Android, iOS	XMEye		
		Android	iOS
Windows	General CMS	A telepítőfájl letölthető a csomagban található CD-ről, vagy a termék weboldalának (www.pni.hu) Letöltés részéről.	

A rendszer hitelesítése

A készülék bekapcsolása után jelentkezzen be a rendszerbe.

Alapértelmezés szerint az adminisztrátort az 1234. jelszóval védi. Ha a jelszót egymás után ötször helytelenül adják meg, a fiók blokkolásra kerül. Az eszköz újraindításával vagy fél óra elteltével a fiók automatikusan feloldódik.

Megjegyzés: A rendszer biztonsága érdekében az első bejelentkezés után módosítsa a jelszót.

Gyors telepítési útmutató

A készülék elindítása után elindul a gyors telepítési útmutató.

Megjegyzés: Az NVR és a kamerák végleges telepítése előtt javasoljuk a rendszer konfigurálását.

Követendő lépések:

1. Állítsa be az időt, a dátumot és az időzónát.
2. Hamarosan megjelenik egy felugró ablak a képernyőn, amely arra kéri, hogy változtassa meg a rendszer hitelesítési jelszavát. Kövesse a képernyőn megjelenő lépéseket, vagy nyomja meg az NVR ESC gombját a jelszóbeállítási felületről való kilépéshez.

Megjegyzés: A rendszer biztonsága érdekében javasoljuk a jelszó megváltoztatását az első bejelentkezés után.

3. Állítsa be manuálisan a hálózati paramétereket, vagy aktiválja a DHCP opciót az automatikus letöltéshez.
4. Olvassa be a képernyőn található QR-kódot az XMEye alkalmazás mobiltelefonjára történő telepítéséhez. Olvassa be a QR-kódot a sorozatszámmal, hogy hozzáadja a rendszert az alkalmazáshoz.
5. Állítsa be az NVR-hez csatlakoztatott monitor megjelenítési opcióit és felbontását. Maximális támogatott felbontás: 2560x1440 (2K).

Megjegyzés: A felbontás módosítása előtt ellenőrizze, hogy a monitor támogatja-e ezt a felbontást. Ha a beállított felbontás magasabb, mint a monitor felbontása, akkor semmi nem jelenik meg a monitoron, és nem fog tudni hozzáférni a menühöz. Ebben az esetben azonban csatlakoztassa az NVR-t alacsonyabb felbontású monitorhoz, lépjen be a menübe és változtassa meg a felbontást.

6. Az alapkonfiguráció befejezéséhez nyomja meg az OK gombot. Kattintson a jobb gombbal a képernyőn, és nyissa meg a NetDetect opciót. Kattintson a Diagnózis elemre a hálózati konfiguráció teszteléséhez.

Megjegyzés: A beállítások életbe lépéséhez indítsa újra a rendszert. Kattintson a jobb gombbal a képernyőn - Logout - Reboot.

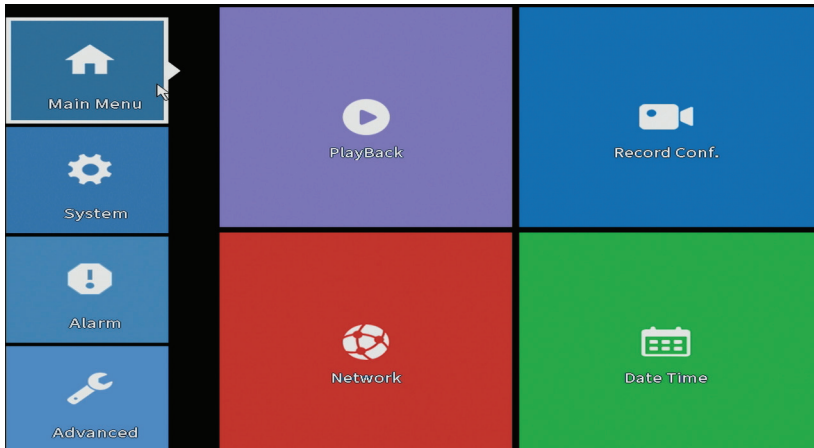
The menu (A menü)

A fő előnézeti felületen kattintson a jobb gombbal az egérrel a menü eléréséhez.



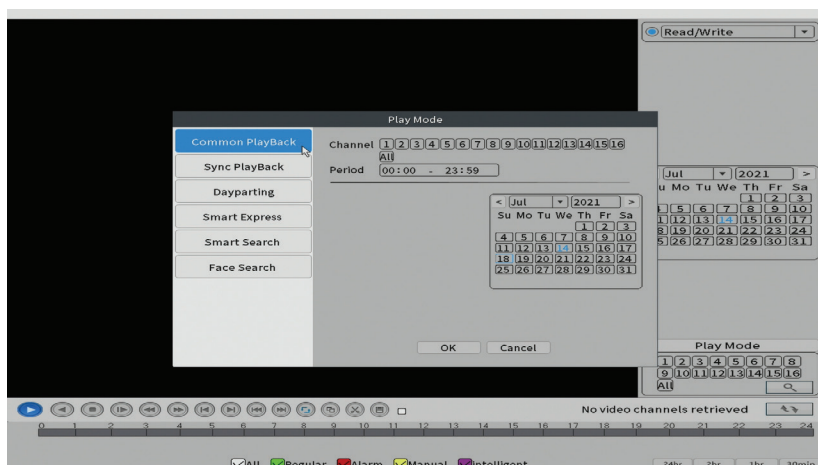
Main Menu (Főmenü)

Opciók: Playback, Record Conf, Network, Date Time.



Playback (Lejátszás)

A rendszer számos szűrőt és lehetőséget kínál a kívánt rekord azonosítására. Kereshet csatornaszám, dátum és időintervallum vagy fájl típus szerint.



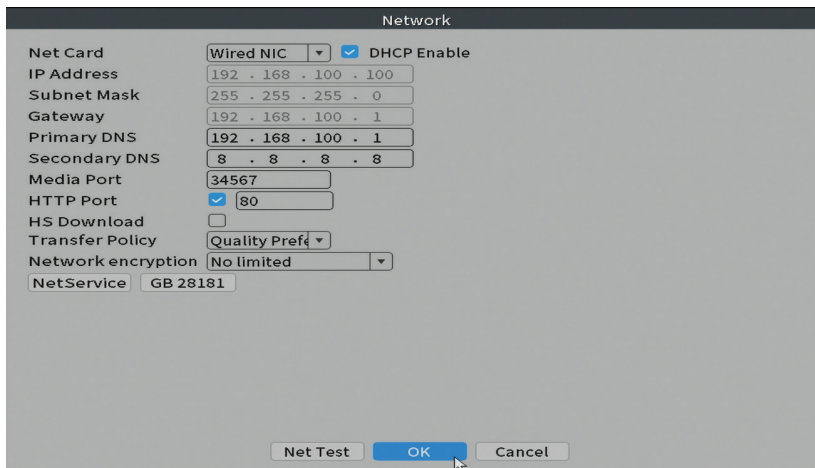
Record Conf. (Rekordkonfiguráció)

Az interfész lehetővé teszi a következő beállítások elvégzését: a felvételi fájl hossza, a rögzítési mód (programozott vagy manuális), az időszak (nap és időintervallum) és a felvétel típusa (normál, mozgásérzékelés és riasztás).



Network (Hálózat)

Állítsa be kézzel a hálózati paramétereket (IP-cím, átjáró, DNS, port stb.), Vagy ellenőrizze a DHCP opciót az automatikus paraméter-visszakereséshez. *Megjegyzés: A beállítások életbe lépéséhez indítsa újra a rendszert. Kattintson a jobb gombbal a képernyőn - Logout - Reboot.*



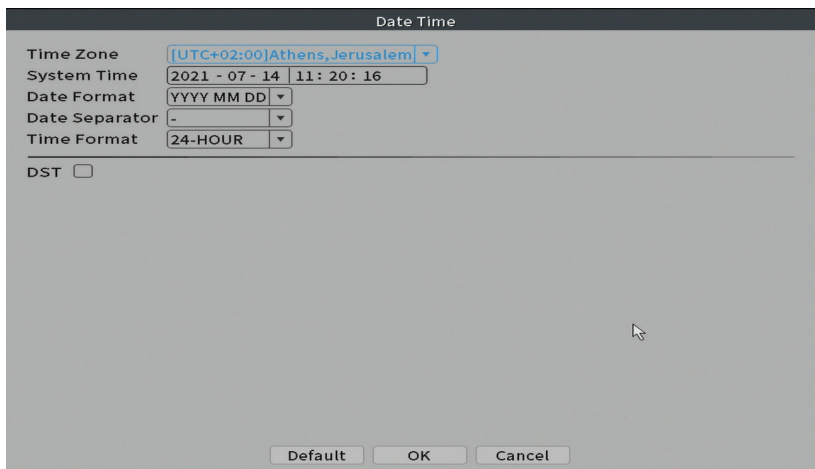
The 'Network' configuration window shows the following settings:

- Net Card: Wired NIC
- DHCP Enable: ☒
- IP Address: 192 . 168 . 100 . 100
- Subnet Mask: 255 . 255 . 255 . 0
- Gateway: 192 . 168 . 100 . 1
- Primary DNS: 192 . 168 . 100 . 1
- Secondary DNS: 8 . 8 . 8 . 8
- Media Port: 34567
- HTTP Port: ☒ 80
- HS Download: ☐
- Transfer Policy: Quality Pref
- Network encryption: No limited
- NetService: GB 28181

Buttons at the bottom: Net Test, OK, Cancel.

Date time (Dátum és idő)

Állítsa be az időzónát, a dátumot, az időt és a formátumot.



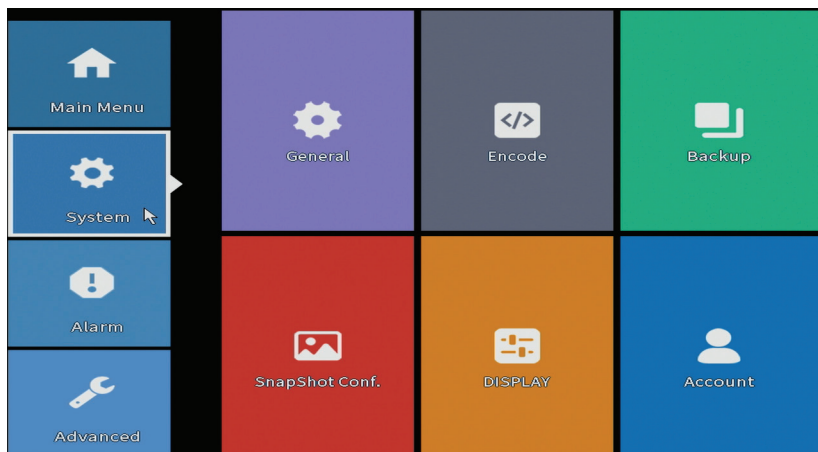
The 'Date Time' configuration window shows the following settings:

- Time Zone: [UTC+02:00]Athens,Jerusalem
- System Time: 2021 - 07 - 14 11: 20: 16
- Date Format: YYYY MM DD
- Date Separator: -
- Time Format: 24-HOUR
- DST: ☐

Buttons at the bottom: Default, OK, Cancel.

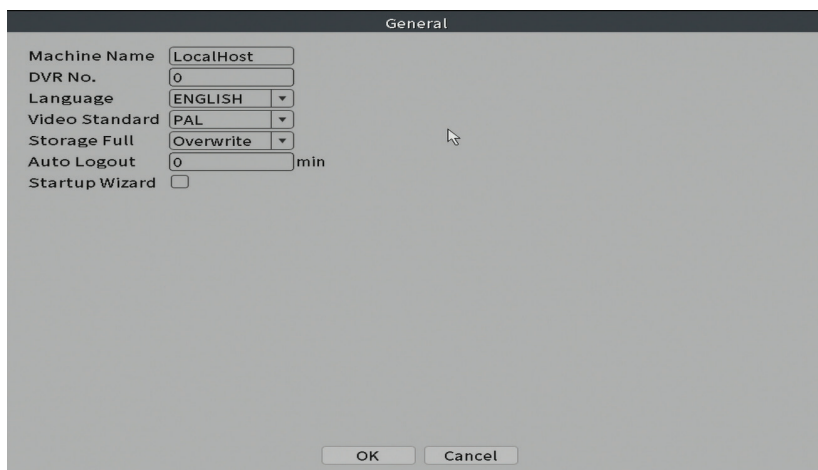
System (Rendszer)

Opciók: General, Encode, Backup, Snapshot Config., Display, Account.



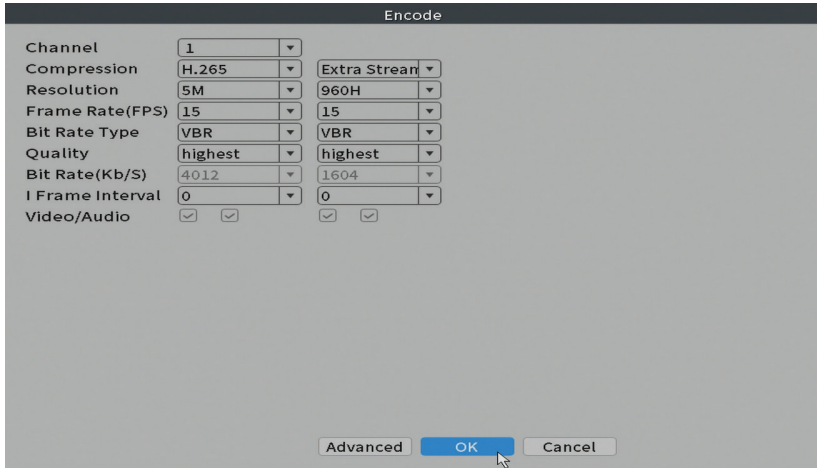
General (Tábornok)

Az interfész a következő beállításokat teszi lehetővé: a menü megjelenítési nyelve, a viselkedés teljes merevlemez esetén (felülírja vagy leállítja a felvételt), a munkamenet időtartama és a rendszerindításkor engedélyezi / letiltja a gyors konfigurációs útmutatót.



Encode

Megjeleníti a csatlakoztatott kamerák műszaki paramétereit (felbontás, képkockasebesség, videótömörítés, minőség stb.).



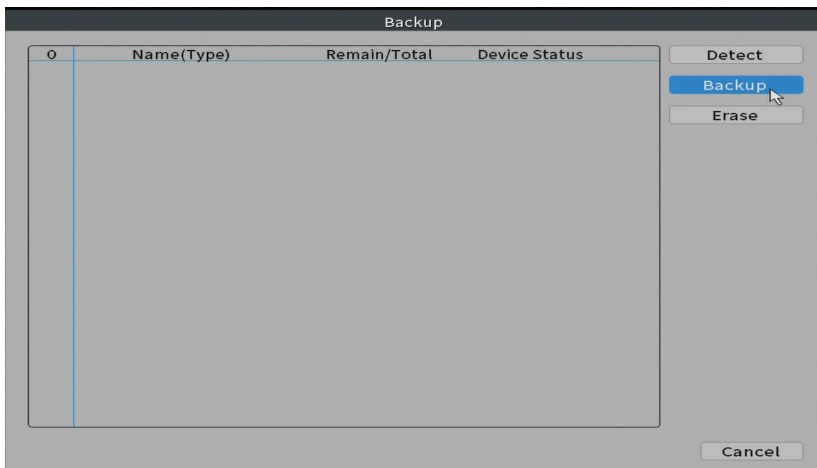
The 'Encode' window displays configuration settings for video encoding. It features two columns of settings, each with a dropdown menu. The settings are as follows:

Setting	Value 1	Value 2
Channel	1	
Compression	H.265	Extra Stream
Resolution	5M	960H
Frame Rate(FPS)	15	15
Bit Rate Type	VBR	VBR
Quality	highest	highest
Bit Rate(Kb/S)	4012	1604
I Frame Interval	0	0
Video/Audio	☒ ☒	☒ ☒

At the bottom, there are three buttons: 'Advanced', 'OK', and 'Cancel'. A mouse cursor is pointing at the 'OK' button.

Backup (Biztonsági mentés)

Az USB-memóriát vagy a külső HDD-t a biztonsági mentés megkezdése előtt telepíteni kell az NVR-be. Nyomja meg a Detect gombot a tárolóeszköz azonosításához, majd a Backup gombot a biztonsági mentés végrehajtásához.



The 'Backup' window shows a table for managing backup devices. The table has four columns: 'ID', 'Name(Type)', 'Remain/Total', and 'Device Status'. The first row shows '0' in the ID column. To the right of the table are three buttons: 'Detect', 'Backup', and 'Erase'. A mouse cursor is pointing at the 'Backup' button. At the bottom right, there is a 'Cancel' button.

ID	Name(Type)	Remain/Total	Device Status
0			

Snapshot Config (Pillanatkép konfiguráció)

Állítsa be, hogy ciklikus felvételeket készítsen egy adott időpontban, és e-mailben, FTP-ben küldje el, vagy tárolja a merevlemezén.

Channel: 1

☒ Cycle capture

☒ EMAIL 64 Sec.

☒ FTP 64 Sec.

☒ storage 64 Sec.

☐ Timing capture

0	Capture time	Delete	EMAIL	FTP	storage

☐ EMAIL ☐ FTP ☒ storage

Capture time: 00 : 00 : 00 Add

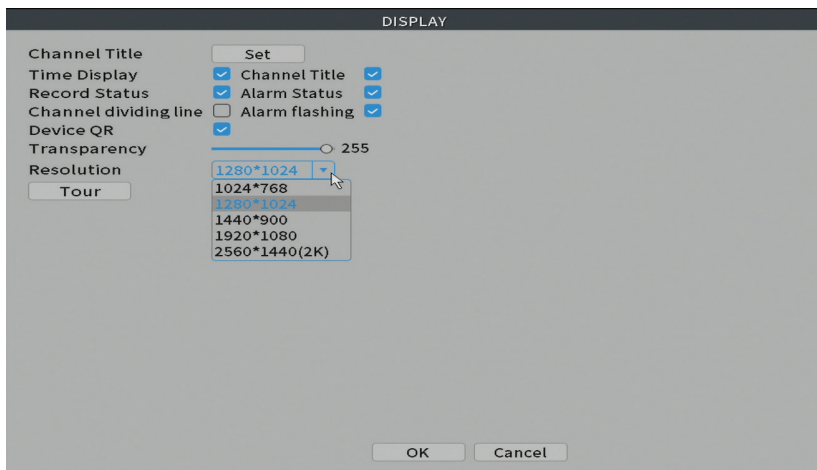
☐ Stop

OK Cancel

Display (Kijelző)

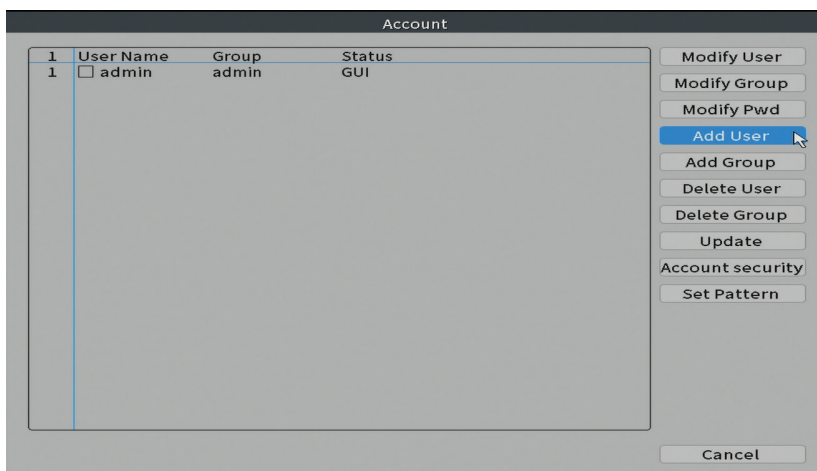
Helyi előnézeti módban megjeleníthető: idő, csatorna neve, felvételi állapot, riasztási állapot, átlátszóság és a kijelző felbontása.

Megjegyzés: A felbontás módosítása előtt ellenőrizze, hogy a monitor támogatja-e ezt a felbontást. Ha a beállított felbontás magasabb, mint a monitor felbontása, akkor semmi nem jelenik meg a monitoron, és nem fog tudni hozzáférni a menühöz. Ebben az esetben azonban csatlakoztassa az NVR-t alacsonyabb felbontású monitorhoz, lépjen be a menübe és változtassa meg a felbontást.



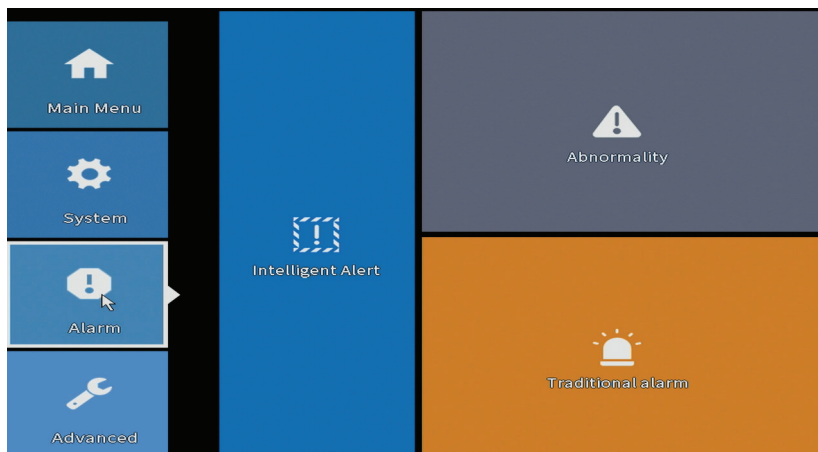
Account (Számlya)

A felület lehetővé teszi a rendszerhez hozzáféréssel rendelkező felhasználók kezelését, felhasználók hozzáadását, felhasználói jogok megváltoztatását, jelszó megváltoztatását, felhasználói csoportok létrehozását és a fiók biztonsági szintjének beállítását bizonyos előre meghatározott kérdésekre adott válaszok regisztrálásával. Jelszó alaphelyzetbe állítása esetén az ellenőrző kód elküldhető a mobilalkalmazásban vagy a megadott e-mail címen. A biztonság növelése érdekében beállíthat egy mintát a rendszer eléréséhez.



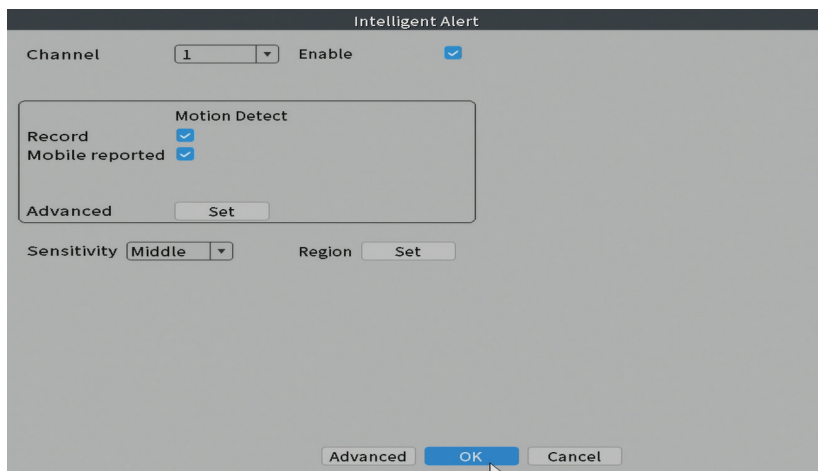
Alarm (Riasztás)

Opciók: Intelligent Alert, Abnormality and Traditional alarm (Nincs kép, nincs videojel stb.). A riasztás bevitele és az intelligens opciók nem állnak rendelkezésre ennél a modellnél.



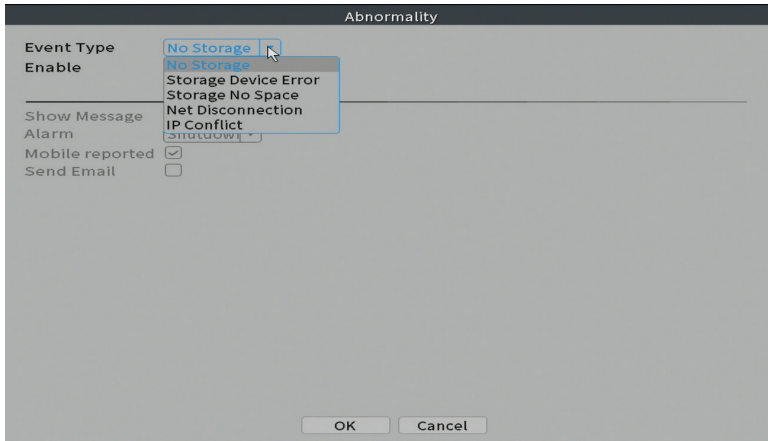
Intelligent Alert (Intelligens riasztás)

Állítsa be a rendszer viselkedését mozgásérzékelés esetén: regisztráció és / vagy értesítés az alkalmazásban. Állítsa be a mozgásra való érzékenység szintjét és a cselekvési területet is.



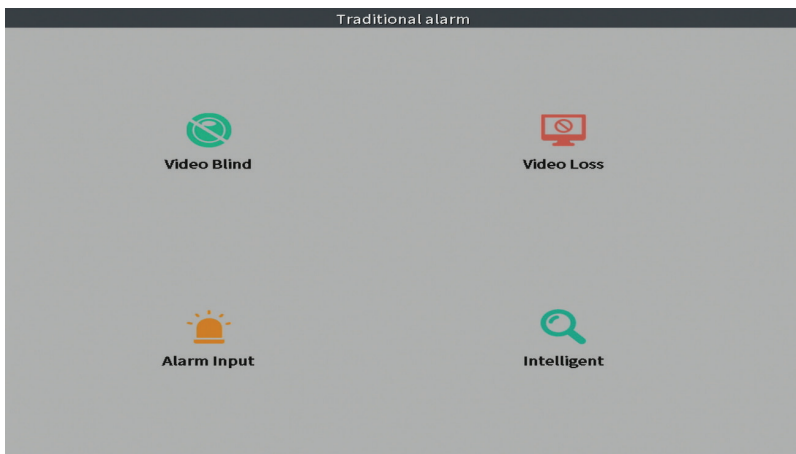
Abnormality (Rendellenesség)

Set the system behavior in case of: storage device error, lack of space on the storage device, lack of internet connection or IP conflict. In such situations you can set to send a notification in the application or an email.



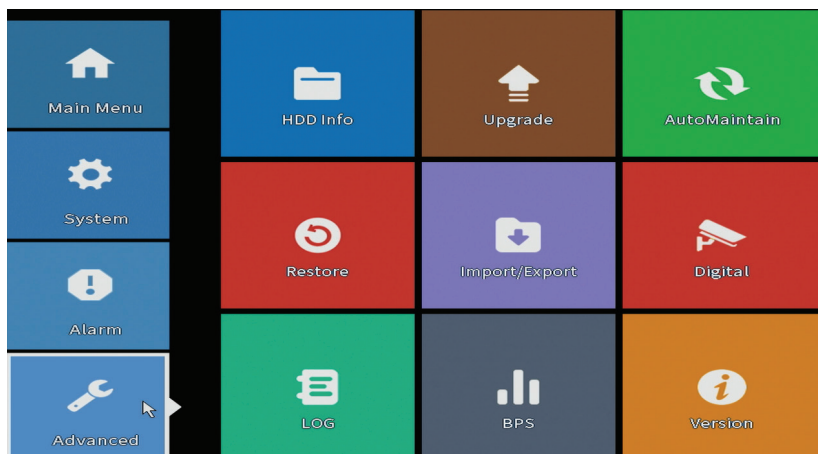
Traditional alarm (Hagyományos riasztó)

Állítsa be a rendszer viselkedését hiányzó kép vagy hiányzó videojel esetén. Ilyen esetekben beállíthatja, hogy értesítést küldjön az alkalmazásban vagy e-mailt, megkezdje a felvételt, rögzítéseket készítsen vagy elmentse a riasztási felvételt egy FTP-kiszolgálóra.



Fejlett

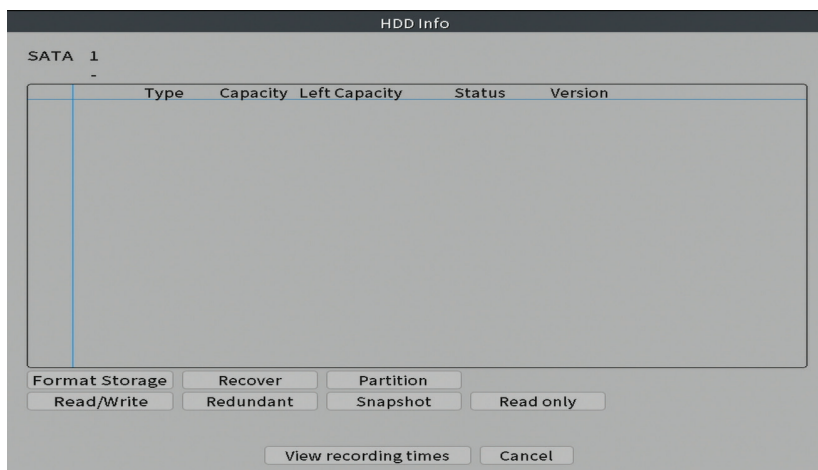
Opciók: HDD info, Upgrade, AutoMaintain, Restore, Import / Export, Digital, LOG, BPS és Version.



HDD info (HDD információk)

Állítsa be a merevlemez működését (csak olvasható vagy írható és írható).

Megjegyzés: A felvételek merevlemezre történő mentéséhez olvasási / írási módra kell állítani.



Upgrade

Helyezzen egy USB-meghajtót az NVR-be, amelynek tartalmaznia kell a frissítési fájlt a gyökérmappában. Válassza ki a tároló meghajtót és a fájlt az NVR menüből, majd kattintson a Frissítés gombra.

The screenshot shows the 'Upgrade' dialog box. It has two main sections. The top section is for a general upgrade, with fields for 'Upgrade Position' (a dropdown menu), 'Upgrade file' (a dropdown menu), and an 'Upgrade' button. Below this is the 'Online Upgrade' section, which includes a 'Has the latest firmware' checkbox and an 'Upgrade' button. The bottom section is for 'Camera Upgrade', featuring a row of buttons numbered 1 through 16 and an 'All' button. Below these are fields for 'Upgrade Position' (dropdown), 'Upgrade file' (dropdown), and an 'Upgrade' button. At the bottom of the dialog is a 'Cancel' button. The 'Automatic upgrade critical updates' checkbox is checked.

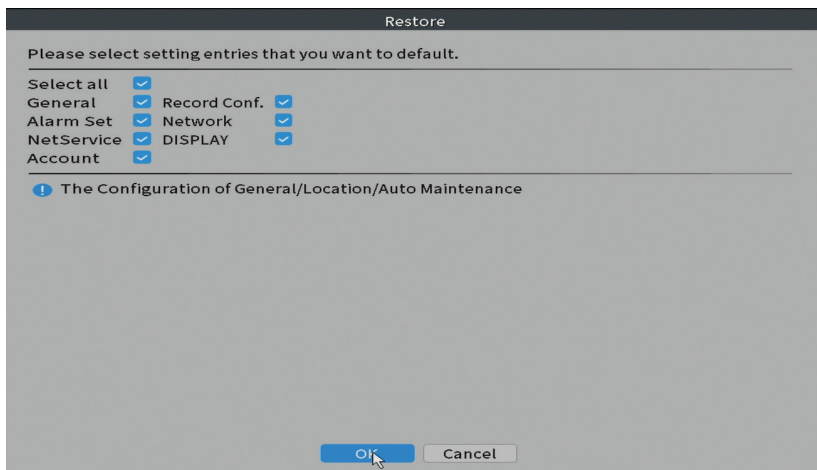
AutoMaintain

Állítsa be a rendszert egy adott napon és időpontban történő újraindításra, vagy állítsa be az adott időtartamnál régebbi fájlok automatikus törlését.

The screenshot shows the 'AutoMaintain' dialog box. It has two main sections. The top section is 'Auto-Reboot System', which includes a dropdown menu set to 'Every Tuesday' and a time field set to '01:00'. The bottom section is 'Auto-Delete Old Files', which includes a dropdown menu set to 'Never'. At the bottom of the dialog are 'OK' and 'Cancel' buttons.

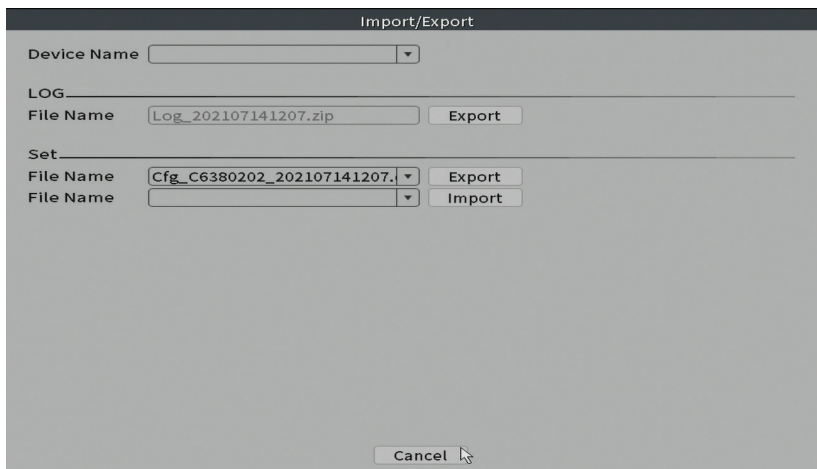
Restore (Visszaállítás)

Válassza ki a visszaállítani kívánt lehetőségeket.



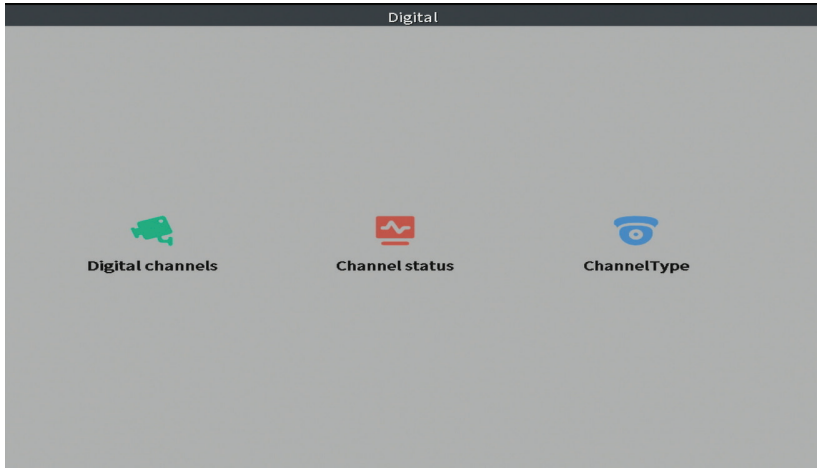
Import/Export

Exportálja vagy importálja a rendszerbeállításokat.



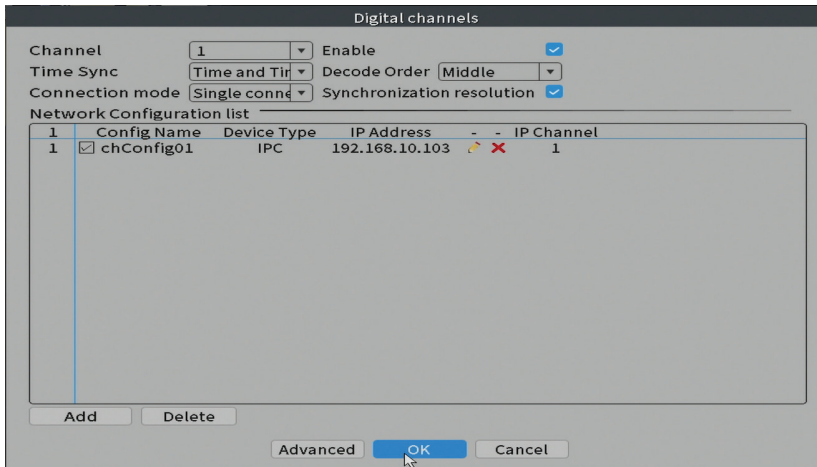
Digital (Digitális)

Opciók: Digital channels, Channel status és Channel Type.



Digitális csatornák

Adjon hozzá kamerát egy adott csatornához. Kattintson a Hozzáadás gombra, majd a Keresés gombra, hogy megtalálja az NVR-rel ugyanabba a hálózatba (ugyanazon az útválasztón) csatlakoztatott összes kamerát.



Channel status (Csatorna állapota)

Megjeleníti mind a 16 csatorna állapotát (csatlakoztatva, nem csatlakozva vagy konfigurálatlanul).

Channel	Stream	Mainstream/Sub-Stream	Connection Status
D01	4K	5M/800x600	Connected
D02	4K	Unknown	Offline
D03	4K	Unknown	NoConfig
D04	4K	Unknown	NoConfig
D05	4K	Unknown	NoConfig
D06	4K	Unknown	NoConfig
D07	4K	Unknown	NoConfig
D08	4K	Unknown	NoConfig
D09	4K	Unknown	NoConfig
D10	4K	Unknown	NoConfig
D11	4K	Unknown	NoConfig
D12	4K	Unknown	NoConfig
D13	4K	Unknown	NoConfig
D14	4K	Unknown	NoConfig
D15	4K	Unknown	NoConfig
D16	4K	Unknown	NoConfig

Channel type (Csatorna típusa)

Megjeleníti a kamerák maximális számát és a rendszerhez csatlakoztatható kamerák felbontását. A PNI IP716 NVR maximum 16 IP kamerát támogat, maximális felbontása 4K.

ChannelType

IP

4K

16

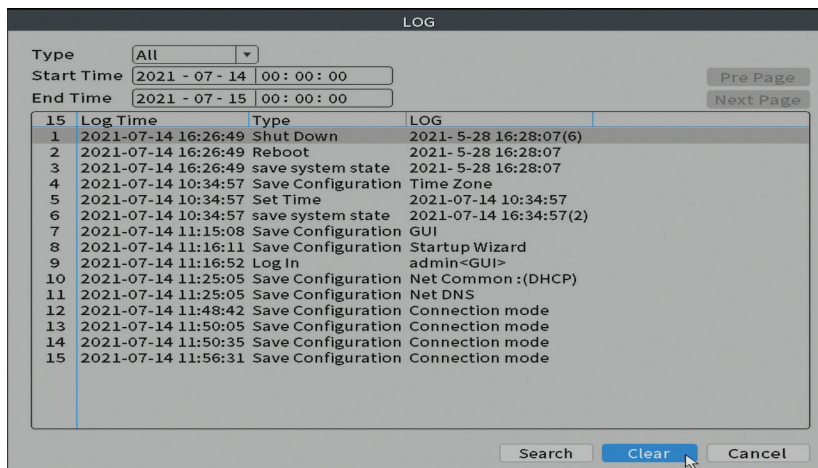
Maximum number of preview:

OK

Cancel

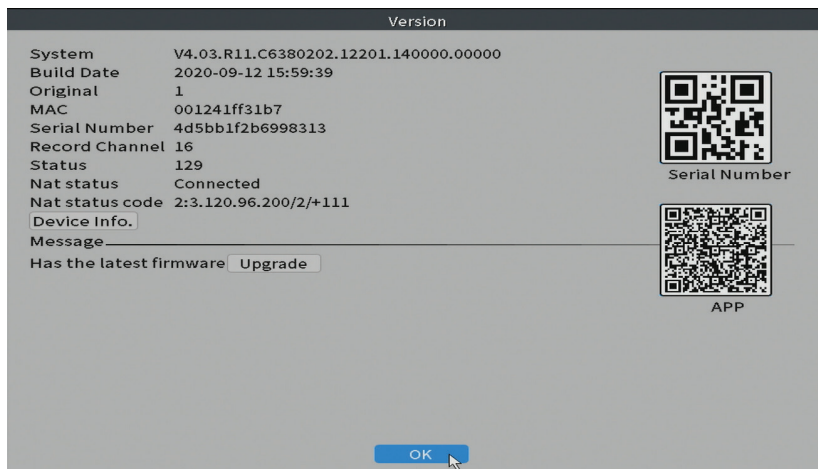
Log (Napló)

Megjeleníti a rendszerben végrehajtott műveletek előzményeit.



Változat

Displays useful information about firmware and QR code with the system serial number (useful for adding it to the mobile application) and QR code for downloading the mobile application.



Egyéb menüopciók

Kattintson a jobb gombbal a képernyőn a további lehetőségek megjelenítéséhez:

Channel Set, Record Mode, Playback, Face detection, IPC parameters, Color settings, Split menu, PTZ Control, Output adjust, NetDetect, Logout.



Channel set (Csatorna beállítása)

Az interfész lehetővé teszi a rendszerhez hozzáadott kamerák hozzáadását és kezelését.

Videokamerák hozzáadása

1. Válassza ki az NVR és a kamerák közötti kommunikációs protokollt.
Opciók: NETIP, ONVIF, Full Netcom.
2. Keresés. Nyomja meg a Keresés gombot az NVR-rel azonos útválasztóhoz (ugyanahhoz a hálózathoz) csatlakoztatott kamerák kereséséhez.
3. Add hozzá. A megjelenített kamerák listájából válassza ki a kívánt kamerákat, és kattintson a Hozzáadás gombra, hogy felvegye őket a rendszerbe.
4. Hálózat. Konfigurálja a kamerák hálózati paramétereit (IP-cím, átjáró stb.)
5. Gyors beállítás. A kamerák gyors hozzáadása és konfigurálása.
6. IP tömeges módosítása. Gyors IP-váltás több kamerára.

Csatornák interfész

1. Törlés. Törölje a kamerát a kiválasztott csatornáról. A futtatáshoz kattintson az Alkalmaz gombra.
2. Tiszta. Törölje a kiválasztott csatorna adatait. A futtatáshoz kattintson az Alkalmaz gombra.
3. Kódolás. Megjeleníti a csatlakoztatott kamerák műszaki paramétereit (felbontás, képkockasebesség, videótömörítés, minőség stb.).

4. Szerkessze az eszközöket. Változtassa meg a kiválasztott csatorna IP-címét és portját.
5. Tömeges frissítés. Firmware frissítés a kiválasztott kamerákhoz.
6. Hálózati észlelés. Felhő hálózati és szerver tesztelés és diagnosztika.
7. Csatorna címe. Nevezze át a kamerákat.
8. NVR hálózat. Konfigurálja az NVR hálózati paramétereit.
9. Közel alkalmazkodó. Letiltja a kiválasztott kamerák IP-adaptációs funkcióját.

IP channel

Device searched: SearchTime: 5 AddMode: Auto

Device Name	Add	IP Address	Port	Device Info.
0				

Remaining bandwidth: 74 M

Show all search d

16	IP Address	Edit	Connection Status	Channel Title	Diagnosi	Set	Prot
1	192.168.10.103	✗	Connected	D01	ONV		ONV
2	192.168.10.102	✗	Offline	D02	ONV		ONV
3		+	NoConfig				
4		+	NoConfig				
5		+	NoConfig				
6		+	NoConfig				
7		+	NoConfig				
8		+	NoConfig				
9		+	NoConfig				
10		+	NoConfig				
11		+	NoConfig				
12		+	NoConfig				
13		+	NoConfig				
14		+	NoConfig				
15		+	NoConfig				
16		+	NoConfig				

ONVIF

Search

Add

Network

Quick set

IP Bulk Modify

Delete

Clear

Encode

Edit devices

Bulk Upgrade

Network Detect

Channel Title

NVRNetwork

Close adaptive

Apply

Exit

Network

IP Address: 192.168.10.103

Subnet Mask: 0.0.0.0

Gateway: 0.0.0.0

User Name: admin

Password:

Auto assigned

OK

Cancel

Encode

Channel: 1

Compression: H.265

Resolution: SM

Frame Rate(FPS): 15

Bit Rate Type: VBR

Quality: highest

Bit Rate(Kb/s): 4012

I Frame Interval: 9

Video/Audio: [x] [x] [x] [x]

Advanced

OK

Cancel

Edit devices

Device Type: IPC

IP Channel: 1

Device address: 192.168.10.103

Port: 8080

User Name: admin

Password:

OK

Cancel

Bulk Upgrade

IP Address	Connection Status	Device Info.
192.168.10.103	Connected	NoConfig
-	NoConfig	-
-	NoConfig	-
-	NoConfig	-
-	NoConfig	-
-	NoConfig	-
-	NoConfig	-
-	NoConfig	-
-	NoConfig	-
-	NoConfig	-

Upgrade Position:

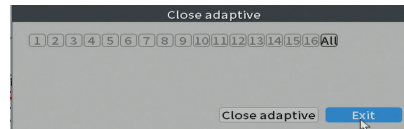
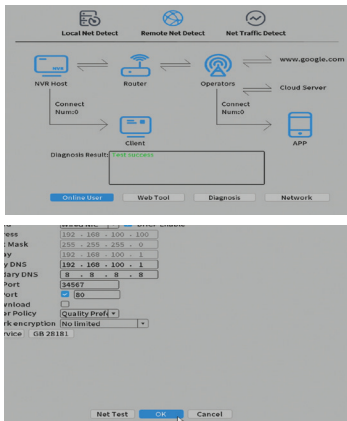
Upgrade file:

Upgrade:

Update

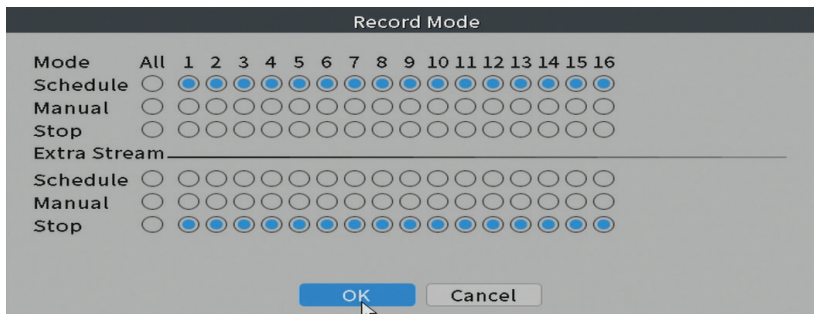
OK

Cancel



Record mode (Felvétel mód)

Állítsa be az egyes csatornák felvételi módját (manuális vagy programozott).



Playback (Lejátszás)

Parancsikon a felvételek keresési és lejátszási felületének eléréséhez.

Face detection (Arcfelismerés)

Az interfész csak az ezt a funkciót támogató kamerák számára érhető el.

Color settings (Színbeállítások)

Állítsa be a színparamétereket (fényerő, kontraszt, telítettség stb.) A kamera néző felületéhez.



Split menu

Válassza ki, hogyan jelenítse meg a kamerákat ugyanazon a képernyőn. Opciók: 1 kamera, 2, 4, 6, 8, 9 vagy 16 kamera egyidejű megjelenítése.

Output Adjust

Állítsa be a hangerőt és a képet.



Net Detect

1. Local Net Detect. Kamera csatlakozás figyelése és diagnosztika.

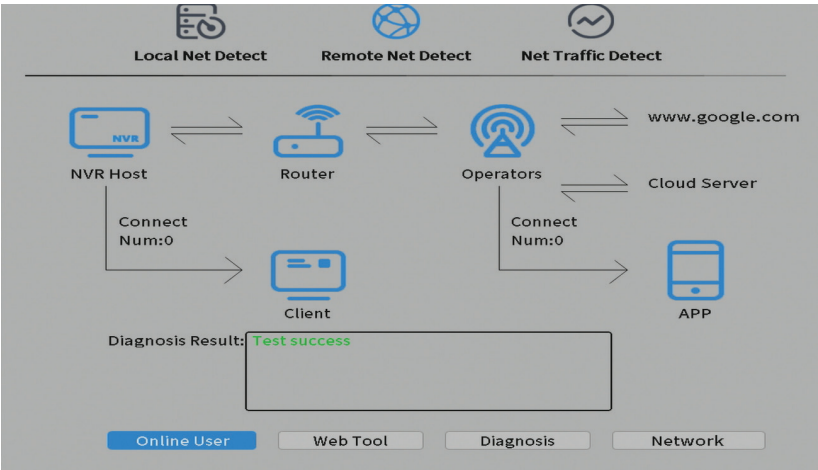
Local Net DetectRemote Net DetectNet Traffic Detect

Channel	Sender IP address	Drop-off in the past week	Diagnosis	De
1	192.168.10.103	0		
2	---	---		
3	---	---		
4	---	---		
5	---	---		
6	---	---		
7	---	---		
8	---	---		
9	---	---		
10	---	---		
11	---	---		
12	---	---		
13	---	---		
14	---	---		
15	---	---		
16	---	---		

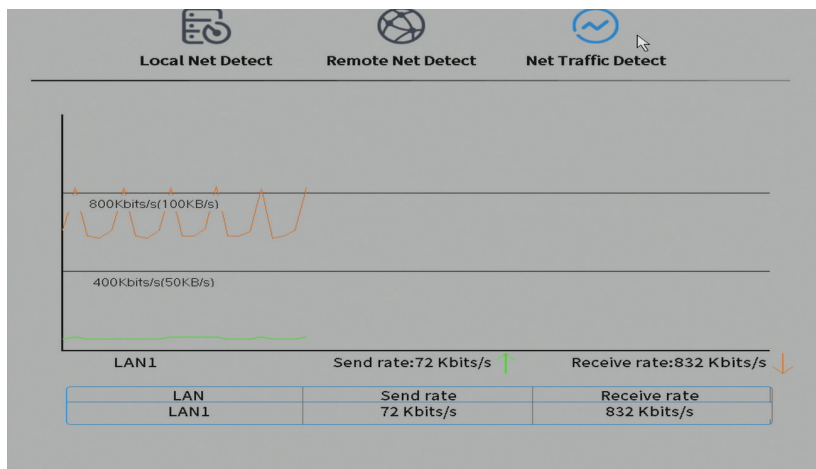
Enable ☒Reset Count

S

2. Remote Net Detect. A hálózat és a Cloud szerver figyelése, diagnosztikája és konfigurálása.

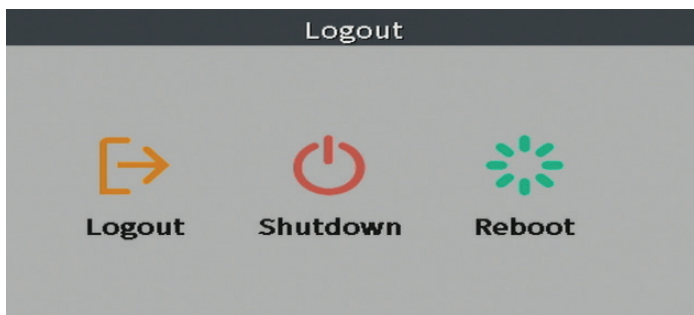


3. Net traffic Detect. Az NVR által a hálózatban végrehajtott adatforgalom figyelése.



Logout

Jelentkezzen ki, állítsa le vagy indítsa újra a rendszert.



Funzioni principali

- Registrazione multicanale simultanea in tempo reale, riproduzione e configurazione da remoto
- Supporta fino a 16 canali con una risoluzione massima di 4K.
- Backup su memoria flash USB e HDD esterno.
- Supporta il rilevamento di volti e forme umane (a seconda della telecamera)
- Possibilità di collegare altoparlante esterno

Specifiche tecniche

Ingresso video	16 x 4K (access bandwidth 72Mbps)
Uscita video	1 x VGA / 1 x HDMI
Compressione video	H.265AI/H.265+ (compatibile H.265/H.264)
Risoluzione di riproduzione	Massima 2K (2560 x 1440)
Compressione audio	G.711A
Uscita audio	1 x 3,5 mm
Modalità di registrazione	Manuale, allarme, rilevamento del movimento, programmato
USB	2 x USB 2.0
HDD	1 x HDD SATA (massimo 14 Tb)
ONVIF	Sì
Tensione di alimentazione	12V / 2A
Dimensioni	255 x 210 x 45 mm
Temperatura di lavoro	-26°C ~ +60°C

Istruzioni per l'uso

Installazione dell'unità di memorizzazione

Prima del primo utilizzo, installare l'unità di memorizzazione. All'interno dell'unità di registrazione è possibile installare un solo HDD SATA con una capacità massima di 14 TB (l'HDD non è incluso nella confezione).

- Allentare le viti e aprire l'alloggiamento dell'NVR
- Collegare i cavi dati e fissare il disco rigido con le viti
- Richiudere l'alloggiamento dell'NVR
- Collegare il cavo di alimentazione e Internet all'NVR

Accendere il dispositivo

Collegare il cavo di alimentazione a una presa da 230V. L'NVR si avvierà. Il LED indicatore si accenderà. Per impostazione predefinita, sullo schermo verranno visualizzati 16 canali.

Se l'ora di inizio rientra nella pianificazione preimpostata per la registrazione, la funzione di registrazione si avvierà automaticamente.

Appunti:

1. *Verificare che la tensione di ingresso corrisponda alla tensione consigliata del dispositivo. La tensione di alimentazione è $230V \pm 10\%$ / 50 Hz 2A.*
2. *Si consiglia di utilizzare un dispositivo UPS per proteggere il dispositivo dalle fluttuazioni di tensione.*

Spegnere il dispositivo

Esistono due modi per spegnere il dispositivo.

1. Accedere al menu principale (clic destro sullo schermo) e selezionare l'opzione Logout - Shutdown
2. Spegnere l'alimentazione.

Avvertenze speciali:

1. Riavviare dopo un'interruzione di corrente. Se il dispositivo viene chiuso in modo anomalo, il sistema crea un backup e si riavvia da quello stato dopo il ripristino dell'alimentazione.
2. Sostituire la batteria sulla scheda di sistema. Prima di sostituire la batteria, è necessario eseguire il backup delle impostazioni di sistema (vedere il capitolo Advanced-Import / Export) e disattivare l'alimentazione. L'ora e la data del dispositivo devono essere reimpostate dopo la sostituzione della batteria. Si consiglia di sostituire la batteria ogni anno.

Controllo remoto del dispositivo

L'NVR può essere controllato in locale o in remoto sia da smartphone che da computer con sistema operativo Windows.

Sistema operativo	Applicazione	Scarica	
Android, iOS	XMEye		
		Android	iOS
Windows	General CMS	Il file di installazione può essere scaricato dal CD incluso nella confezione o dalla sezione Download nella pagina web del prodotto (www.pni.it)	

Autenticazione del sistema

Dopo aver acceso il dispositivo, accedere al sistema.

Per impostazione predefinita, l'utente amministratore è protetto da password 1234. Se la password viene inserita in modo errato per 5 volte di seguito, l'account verrà bloccato. Riavviando il dispositivo o dopo mezz'ora, l'account verrà sbloccato automaticamente.

Nota: per la sicurezza del tuo sistema, cambia la password dopo il primo accesso.

Guida rapida alla configurazione

Dopo aver avviato il dispositivo, verrà avviata la guida di installazione rapida.

Nota: si consiglia di configurare il sistema prima di installare l'NVR e le telecamere nella posizione finale.

Pasi da seguire:

1. Impostare l'ora, la data e il fuso orario.
2. Presto sullo schermo apparirà una finestra popup che ti chiederà di cambiare la password di autenticazione nel sistema. Seguire i passaggi sullo schermo o premere il tasto ESC sull'NVR per uscire dall'interfaccia di impostazione della password.

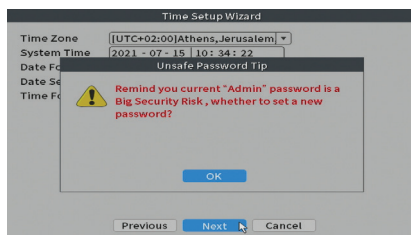
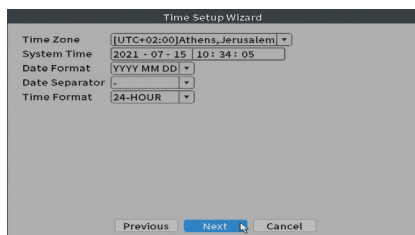
Nota: per la sicurezza del tuo sistema, ti consigliamo di cambiare la password dopo il primo accesso al sistema.

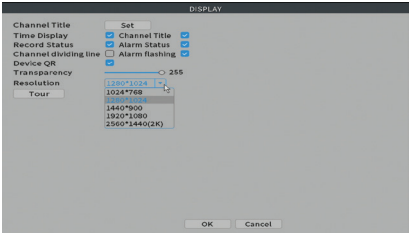
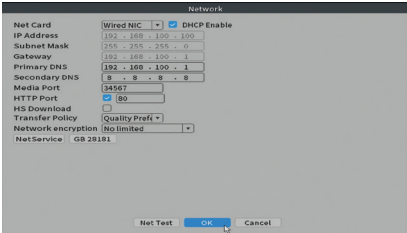
3. Impostare manualmente i parametri di rete o attivare l'opzione DHCP per il download automatico.
4. Scansiona il codice QR sullo schermo per installare l'applicazione XMEye sul tuo cellulare. Scansiona il codice QR con il numero di serie per aggiungere il sistema all'applicazione.
5. Imposta le opzioni di visualizzazione e la risoluzione del monitor collegato all'NVR. Risoluzione massima supportata 2560x1440 (2K).

Nota: prima di modificare la risoluzione, assicurati che il tuo monitor supporti tale risoluzione. Se la risoluzione impostata è superiore alla risoluzione del tuo monitor, non apparirà nulla sul monitor e non potrai accedere al menu. In tal caso, tuttavia, collegare l'NVR a un monitor a risoluzione inferiore, accedere al menu e modificare la risoluzione.

6. Premere il tasto OK per completare la configurazione di base del sistema.
7. Fare clic con il tasto destro sullo schermo e accedere all'opzione NetDetect. Fare clic su Diagnostica per testare la configurazione di rete.

Nota: per rendere effettive le impostazioni, riavviare il sistema. Fare clic con il tasto destro sullo schermo - Logout - Reboot.





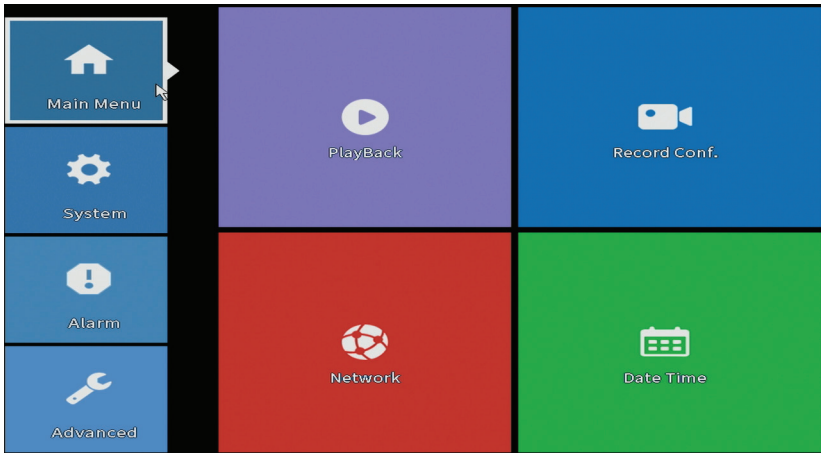
Il menu

Nell’interfaccia di anteprima principale, fare clic con il pulsante destro del mouse per accedere al menu.



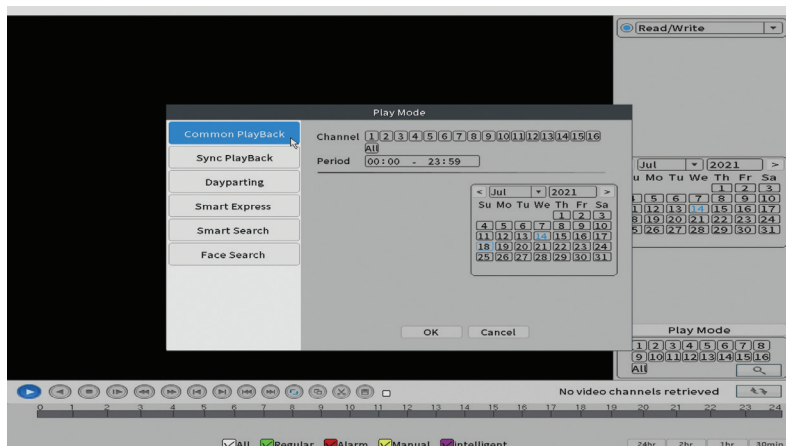
Main Menu (Il emnu principale)

Opzioni: Playback, Record Conf, Network, Date Time.



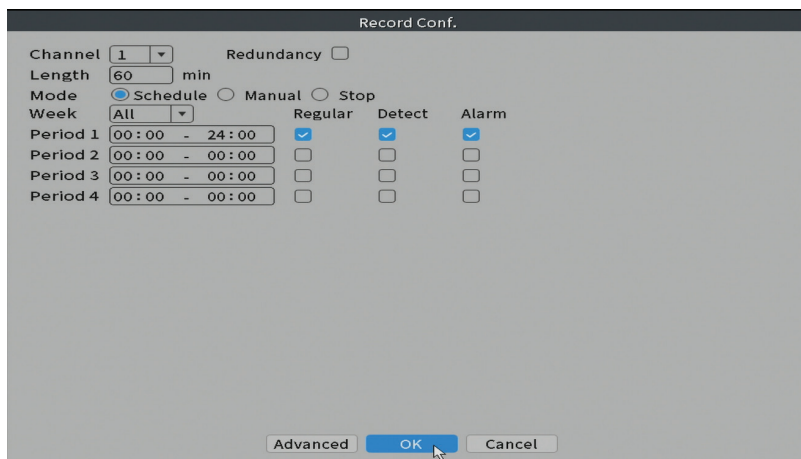
Playback (Riproduzione)

Il sistema offre numerosi filtri e opzioni per identificare il filmino desiderato. È possibile effettuare la ricerca per numero di canale, data e intervallo di tempo o per tipo di file.



Record Conf. (Configurazione registrazione)

L'interfaccia consente di effettuare le seguenti impostazioni: la lunghezza di un file di registrazione, la modalità di registrazione (programmata o manuale), il periodo (giorno e intervallo di tempo) e il tipo di registrazione (normale, rilevamento del movimento e allarme).



Network (Impostazioni di rete)

Impostare manualmente i parametri di rete (indirizzo IP, gateway, DNS, porta, ecc.) o selezionare l'opzione DHCP per il recupero automatico dei parametri.

Nota: per rendere effettive le impostazioni, riavviare il sistema. Fare clic con il tasto destro sullo schermo - Logout - Reboot.

Network

Net Card: Wired NIC

DHCP Enable: ☒

IP Address: 192 . 168 . 100 . 100

Subnet Mask: 255 . 255 . 255 . 0

Gateway: 192 . 168 . 100 . 1

Primary DNS: 192 . 168 . 100 . 1

Secondary DNS: 8 . 8 . 8 . 8

Media Port: 34567

HTTP Port: ☒ 80

HS Download: ☐

Transfer Policy: Quality Pref

Network encryption: No limited

NetService: GB 28181

Net Test OK Cancel

Date time (Data e ora)

Imposta il fuso orario, la data, l'ora e il formato.

Date Time

Time Zone: [UTC+02:00]Athens,Jerusalem

System Time: 2021 - 07 - 14 11: 20: 16

Date Format: YYYY MM DD

Date Separator: -

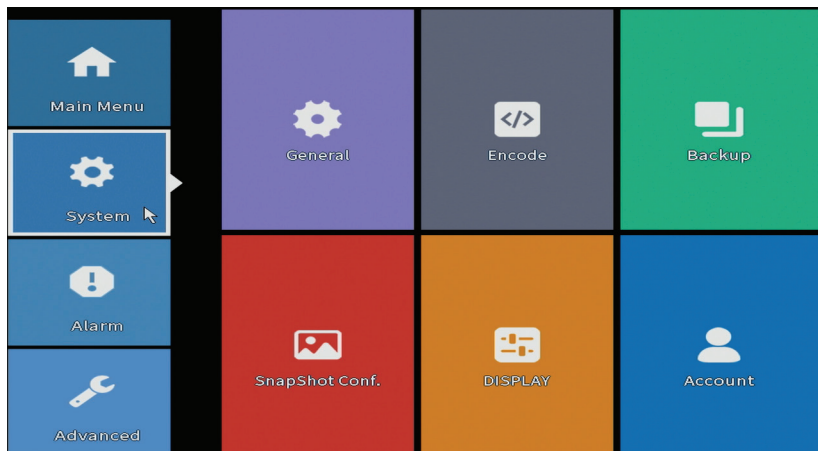
Time Format: 24-HOUR

DST: ☐

Default OK Cancel

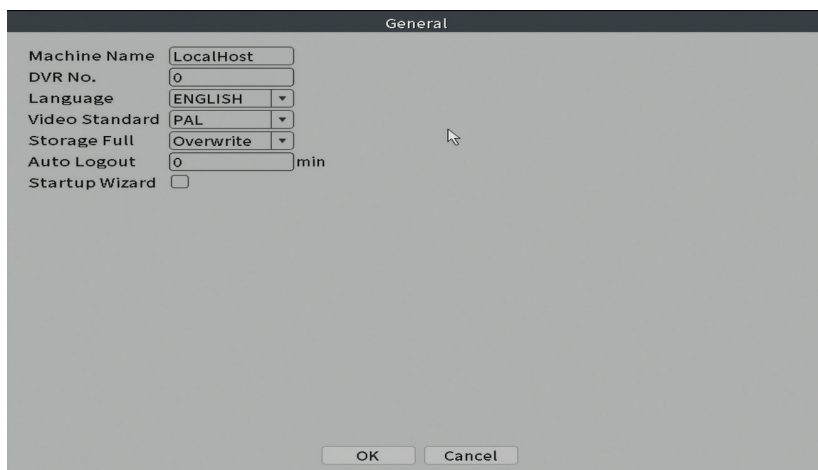
System (Sistema)

Opzioni: General, Encode, Backup, Snapshot Config., Display, Account.



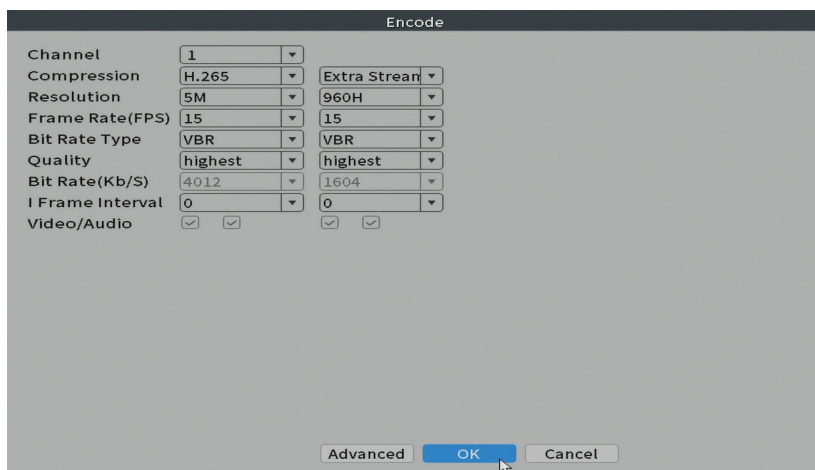
General (Generale)

L'interfaccia consentirà le seguenti impostazioni: la lingua di visualizzazione del menu, il comportamento in caso di disco rigido pieno (sovrascrivere o interrompere la registrazione), la durata della sessione e l'attivazione/disattivazione della guida di configurazione rapida all'avvio del sistema.



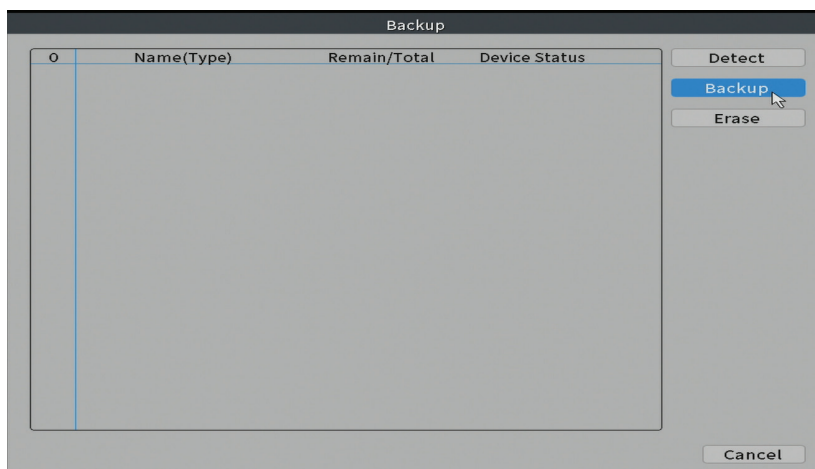
Encode (Decodifica)

Visualizza i parametri tecnici delle telecamere collegate (risoluzione, frame rate, compressione video, qualità, ecc.).



Backup (Copia di sicurezza)

La memoria USB o l'HDD esterno deve essere installato nell'NVR prima di avviare il backup. Premere il pulsante Rileva per identificare il dispositivo di archiviazione, quindi il pulsante Backup per eseguire il backup.



Snapshot Config (Configurazione salvaschermo)

Imposta per acquisire acquisizioni cicliche in un determinato momento e inviarle via e-mail, FTP o memorizzarle sul disco rigido.

SnapShot Conf.

Channel 1

☒ Cycle capture

☒ EMAIL 64 Sec.

☒ FTP 64 Sec.

☒ storage 64 Sec.

☐ Timing capture

0	Capture time	Delete	EMAIL	FTP	storage

☐ EMAIL ☐ FTP ☒ storage

Capture time 00 : 00 : 00 Add

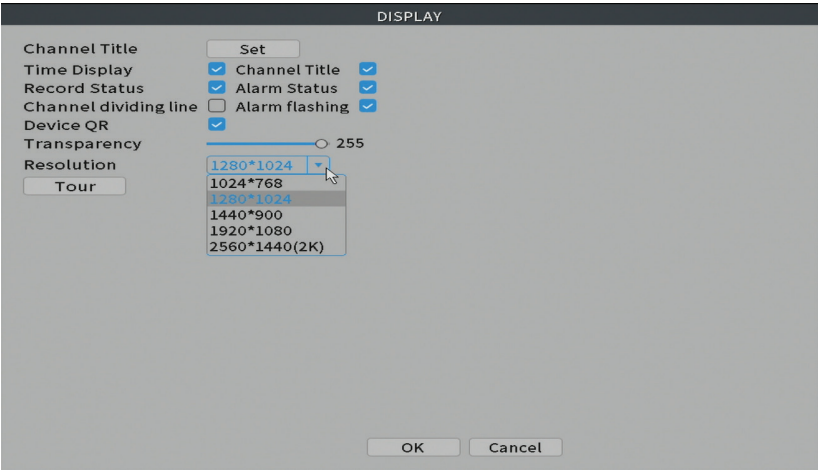
☐ Stop

OK Cancel

Display

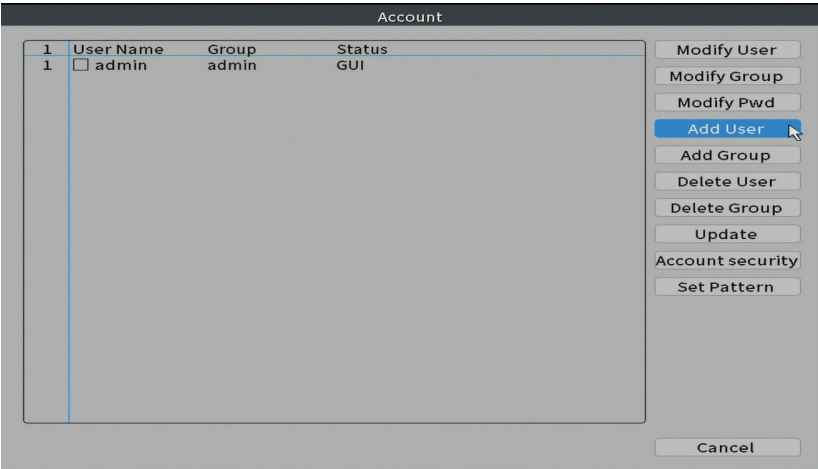
Nella modalità di anteprima locale possono essere visualizzati: ora, nome del canale, stato di registrazione, stato di allarme, trasparenza e risoluzione del display.

Nota: prima di modificare la risoluzione, assicurati che il tuo monitor supporti tale risoluzione. Se la risoluzione impostata è superiore alla risoluzione del tuo monitor, non apparirà nulla sul monitor e non potrai accedere al menu. In tal caso, tuttavia, collegare l'NVR a un monitor a risoluzione inferiore, accedere al menu e modificare la risoluzione.



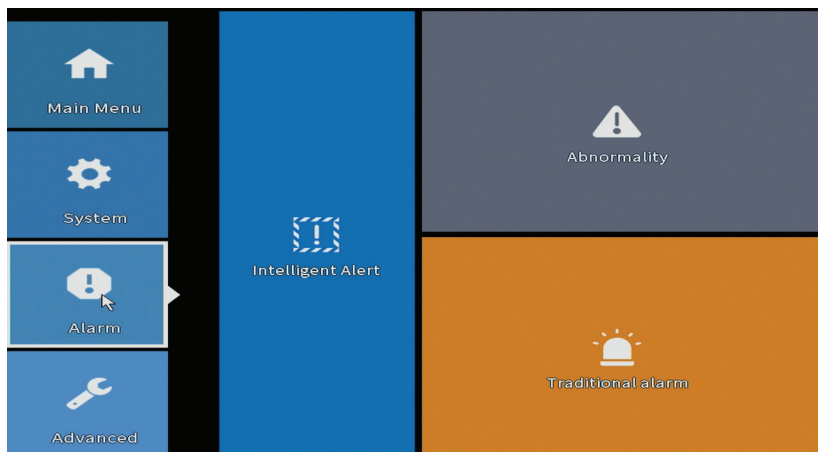
Account (Conto)

L’interfaccia consente di gestire gli utenti che hanno accesso al sistema, aggiungere utenti, modificare i diritti utente, modificare la password, creare gruppi di utenti e impostare un livello di sicurezza dell’account registrando le risposte a determinate domande predefinite. In caso di reimpostazione della password, il codice di verifica può essere inviato nell’applicazione mobile o all’indirizzo e-mail impostato. Per aumentare la sicurezza, è possibile impostare un modello per l’accesso al sistema.



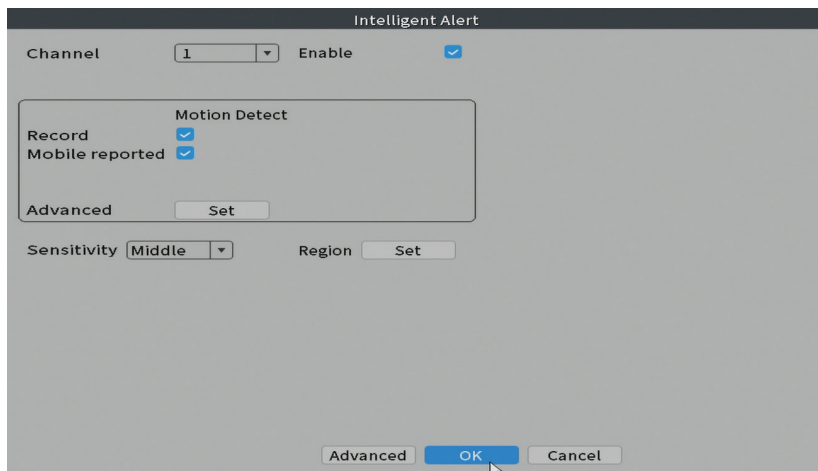
Alarm (Allarme)

Opzioni: Intelligent Alert, Abnormality e Traditional alarm (Nessuna immagine, nessun segnale video, ecc.). Le opzioni Ingresso allarme e Intelligente non sono disponibili per questo modello.



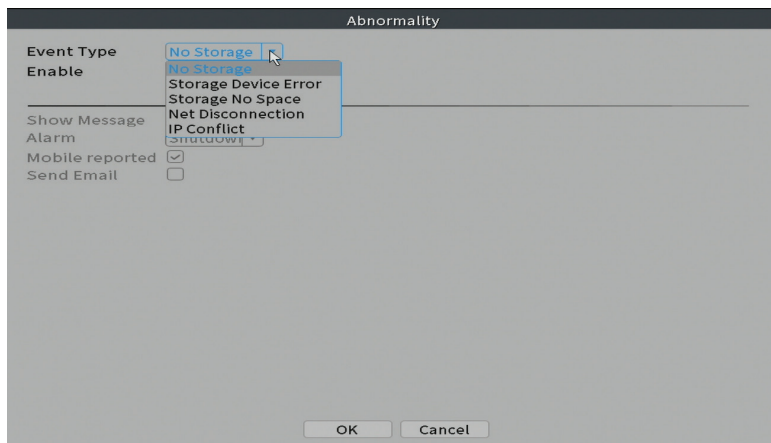
Intelligent Alert (Allarme Intelligente)

Imposta il comportamento del sistema in caso di rilevamento del movimento: registrazione e/o notifica nell'applicazione. Imposta anche il livello di sensibilità al movimento e l'area di azione.



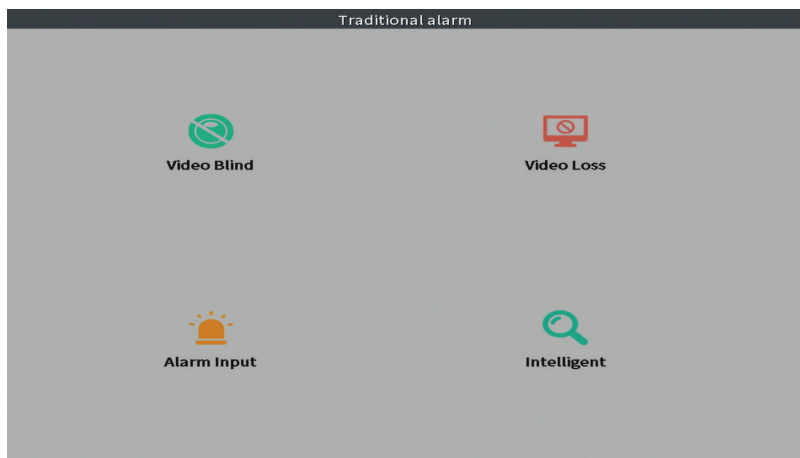
Abnormality (Situazione anomala)

Imposta il comportamento del sistema in caso di: errore del dispositivo di archiviazione, mancanza di spazio sul dispositivo di archiviazione, mancanza di connessione Internet o conflitto IP. In tali situazioni è possibile impostare l'invio di una notifica nell'applicazione o un'e-mail.



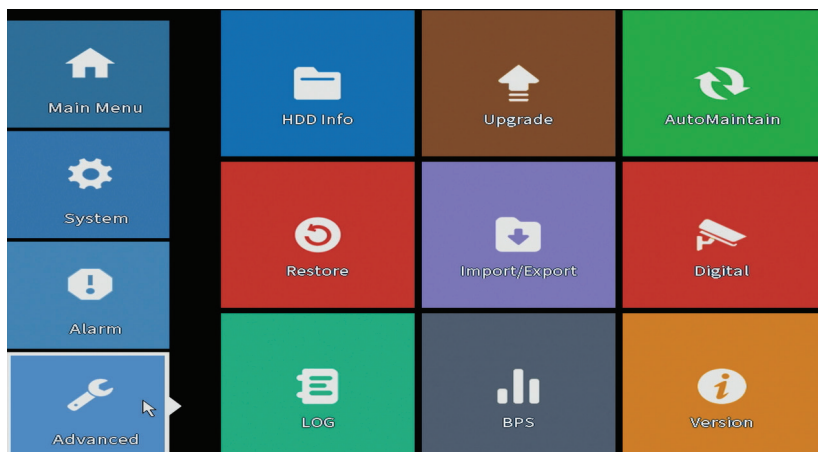
Traditional alarm (Allarme tradizionale)

Imposta il comportamento del sistema in caso di immagine mancante o segnale video mancante. In tali situazioni è possibile impostare l'invio di una notifica nell'applicazione o un'e-mail, avviare la registrazione, effettuare acquisizioni o salvare la registrazione dell'allarme su un server FTP.



Advanced (Avanzato)

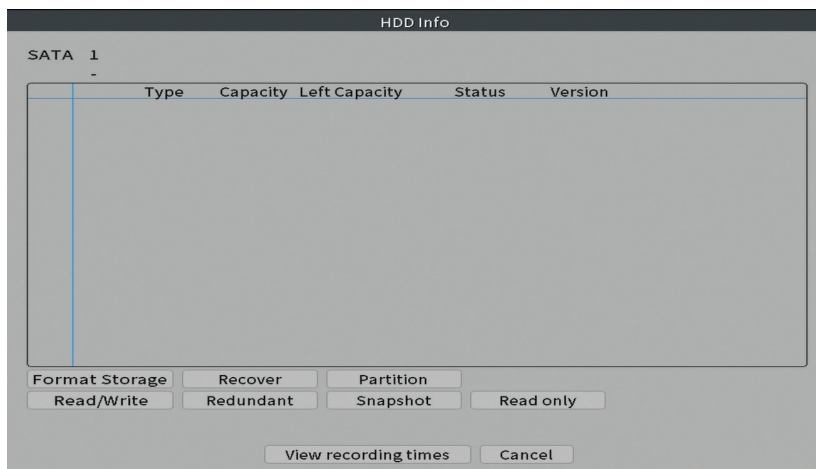
Opzioni: HDD info, Upgrade, AutoMaintain, Restore, Import / Export, Digital, LOG, BPS e Version.



HDD info (Informazioni sul HDD)

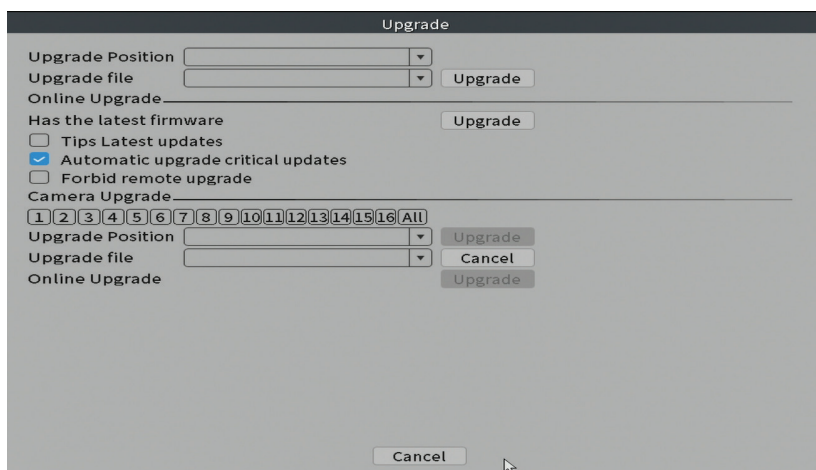
Imposta il funzionamento del disco rigido (sola lettura o lettura-scrittura).

Nota: per salvare le registrazioni sul disco rigido, è necessario impostare la modalità di lettura/scrittura.



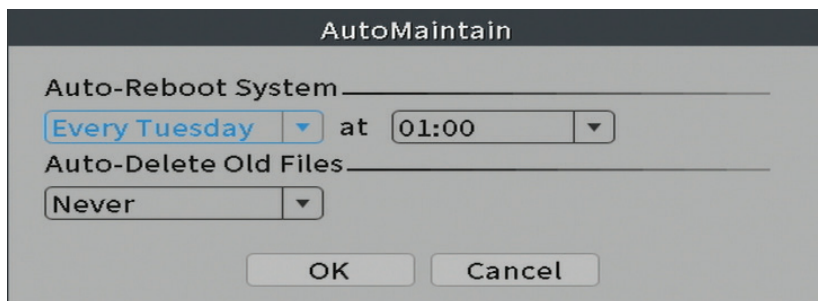
Upgrade (Aggiornamento)

Inserisci una chiavetta USB nell'NVR che dovrebbe contenere il file di aggiornamento nella cartella principale. Selezionare l'unità di archiviazione e il file dal menu NVR e fare clic sul pulsante Aggiorna.



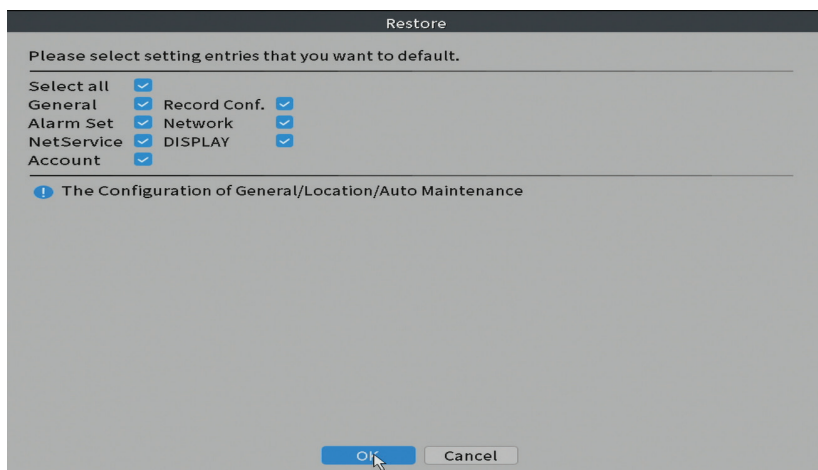
AutoMaintain (Mantenimento automatico)

Imposta il riavvio del sistema in un determinato giorno e ora o imposta l'eliminazione automatica dei file più vecchi di un determinato periodo.



Restore (Repristino)

Seleziona le opzioni che desideri ripristinare.



Import/Export (Importa/Esporta)

Esporta o importa le impostazioni di sistema.

Import/Export

Device Name

LOG

File Name

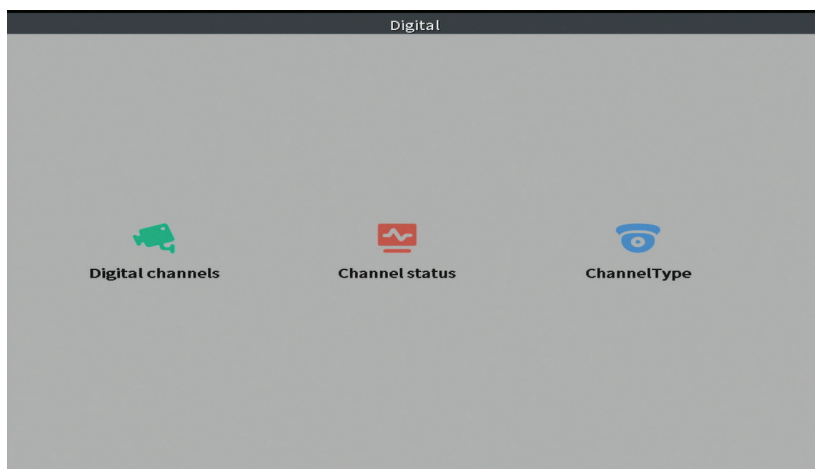
Set

File Name

File Name

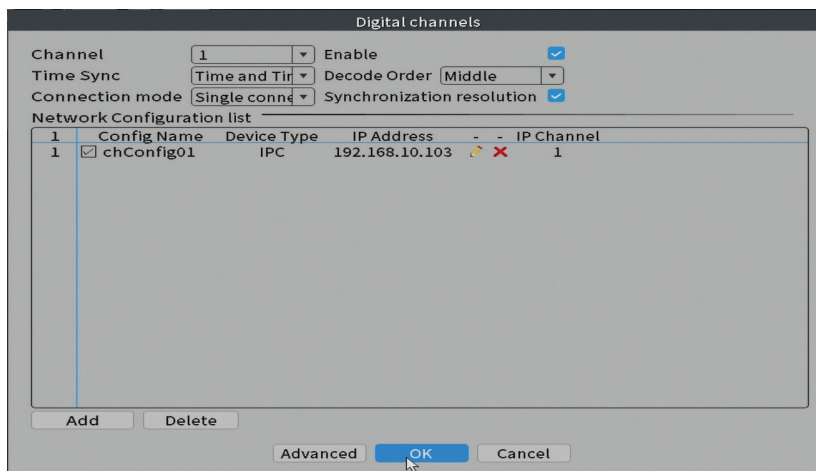
Digital (Digitale)

Opzioni: Digital channels, Channel status e Channel Type.



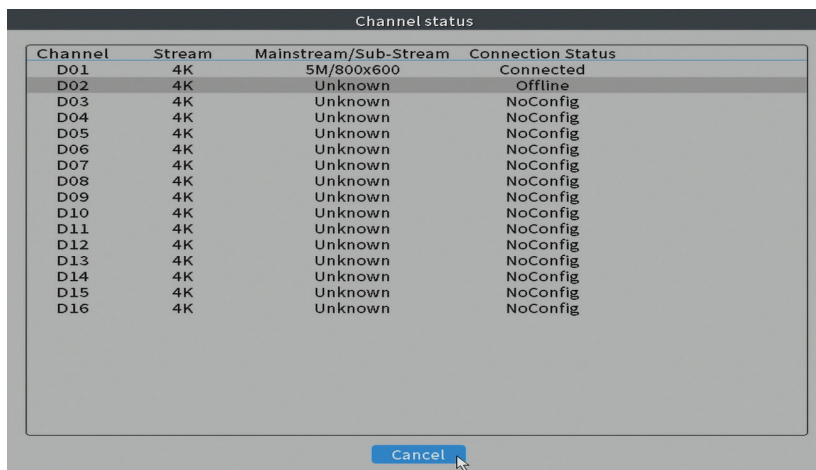
Digital channels (Canali digitali)

Aggiungi una telecamera su un canale specifico. Fare clic sul pulsante Aggiungi, quindi su Cerca per trovare tutte le telecamere collegate alla stessa rete (stesso router) con l'NVR.



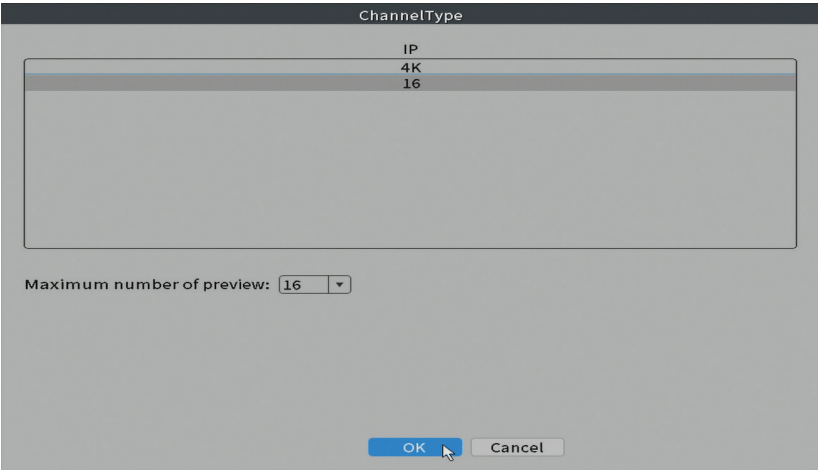
Channel status (Stato dei canali)

Visualizza lo stato (connesso, non connesso o non configurato) per tutti i 16 canali.



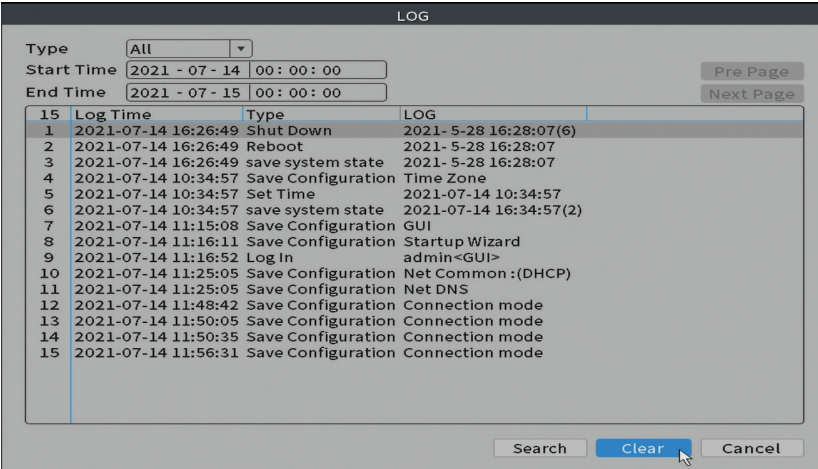
Channel type (Tipo canale)

Visualizza il numero massimo di telecamere e la risoluzione delle telecamere collegabili al sistema. L'NVR PNI IP716 supporta un massimo di 16 telecamere IP con una risoluzione massima di 4K.



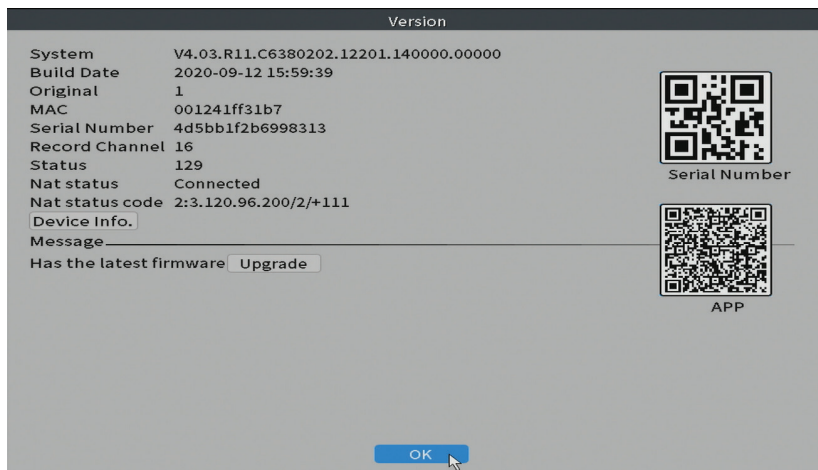
Log (Storico)

Visualizza la cronologia delle azioni eseguite nel sistema.



Version (Versione)

Visualizza informazioni utili su firmware e codice QR con il numero di serie del sistema (utile per aggiungerlo all'applicazione mobile) e codice QR per scaricare l'applicazione mobile.



Other menu options (Opzioni aggiuntive)

Fare clic con il pulsante destro del mouse sullo schermo per visualizzare opzioni aggiuntive:

Channel Set, Record Mode, Playback, Face detection, IPC parameters, Color settings, Split menu, PTZ Control, Output adjust, NetDetect, Logout.



Channel set (Impostazione canali)

L'interfaccia permette di aggiungere e gestire le telecamere aggiunte al sistema.

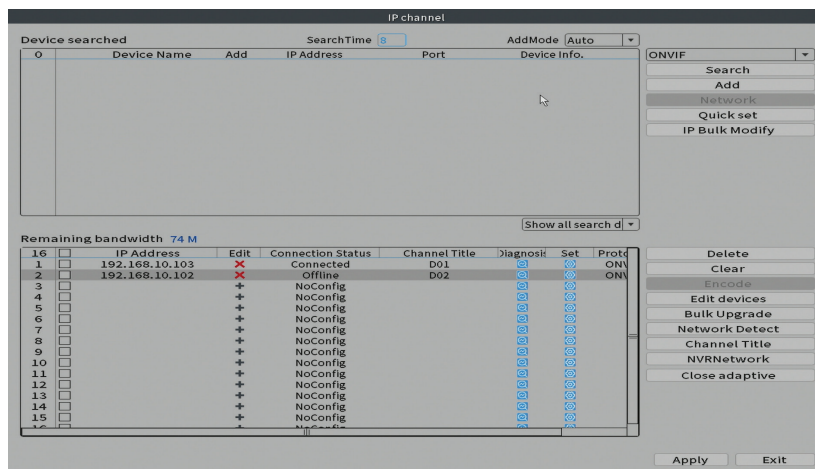
Interfaccia aggiunta telecamere

1. Selezionare il protocollo di comunicazione tra l'NVR e le telecamere. Opzioni: NETIP, ONVIF, Full Netcom.
2. Search. Premere il tasto Cerca per cercare le telecamere collegate allo stesso router (stessa rete) dell'NVR.

3. Add. Dall'elenco delle telecamere visualizzate, selezionare le telecamere desiderate e fare clic su Aggiungi per aggiungerle al sistema.
4. Network. Configurare i parametri di rete per le telecamere (indirizzo IP, gateway, ecc.)
5. Quick set. Aggiunta e configurazione rapida delle telecamere.
6. IP bulk modify. Cambio rapido di IP su più telecamere.

Interfaccia canali

1. Delete. Elimina la telecamera dal canale selezionato. Fare clic su Applica per eseguire.
2. Clear. Elimina le informazioni sul canale selezionato. Fare clic su Applica per eseguire.
3. Encode. Visualizza i parametri tecnici delle telecamere collegate (risoluzione, frame rate, compressione video, qualità, ecc.).
4. Edit devices. Cambia IP e porta per il canale selezionato.
5. Bulk upgrade. Aggiornamento del firmware per le telecamere selezionate.
6. Network detect. Test e diagnostica di rete cloud e server.
7. Channel title. Rinomina le fotocamere.
8. NVR Network. Configura i parametri di rete dell'NVR.
9. Close adaptive. Disabilita la funzione di adattamento IP per le telecamere selezionate.



Network

IP Address: 192.168.10.103

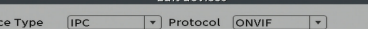
Subnet Mask: 0.0.0.0

Gateway: 0.0.0.0

User Name: admin

Password:

Auto assigned OK Cancel



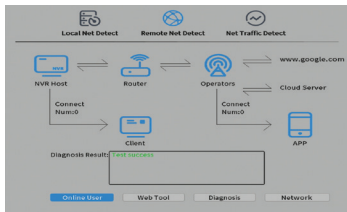
The screenshot shows the 'Encoder' dialog box in VLC media player. The dialog is titled 'Encoder' and contains the following settings:

- Channel:** 1
- Compression:** H.265
- Resolution:** 144
- Frame Rate(FPS):** 15
- Bit Rate Type:** VBR
- Quality:** highest
- Bit Rate(Kb/S):** 401.2
- I Frame Interval:** 0
- Video/Audio:** Both checkboxes are checked.

At the bottom of the dialog, there are three buttons: 'Advanced', 'OK', and 'Cancel'. The 'OK' button is highlighted in blue.

Bulk Upgrade

	IP Address	Connection Status	Device Info
☐	192.168.10.103	Connected	
☐	-	NoConfig	-
☐	-	NoConfig	-
☐	-	NoConfig	-
☐	-	NoConfig	-
☐	-	NoConfig	-
☐	-	NoConfig	-
☐	-	NoConfig	-
☐	-	NoConfig	-
☐	-	NoConfig	-



The screenshot shows the 'File Properties' dialog box for the file 'GB 23121'. The 'Encryption' tab is active, displaying 'No encryption' and a 'Quality Preset' dropdown menu set to 'Normal'. The 'Permissions' tab is also visible, showing 'Full Control' permissions for 'Everyone'. The 'File Properties' dialog box is titled 'File Properties' and has a 'File Name' field containing 'GB 23121'.

Channel Title	
Channel1	abc
Channel3	
Channel5	
Channel7	
Channel9	
Channel11	
Channel13	
Channel15	

Channel2 D02

Channel4 D04

Channel6 D06

Channel8 D08

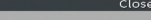
Channel10 D10

Channel12 D12

Channel14 D14

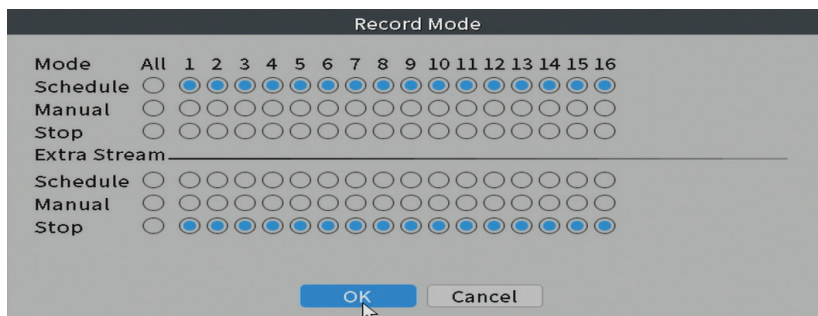
Channel16 D16

OK Cancel



Record mode (Modalità di registrazione)

Impostare la modalità di registrazione (manuale o programmata) per ciascun canale.



Preview (Anteprima)

Scorciatoia per accedere all'interfaccia di ricerca e riproduzione delle registrazioni.

Face detection (Rilevamento viso)

L'interfaccia è disponibile solo per le fotocamere che supportano questa funzione.

Color settings (Impostazione colori)

Regola i parametri del colore (luminosità, contrasto, saturazione, ecc.) per l'interfaccia di visualizzazione della telecamera.

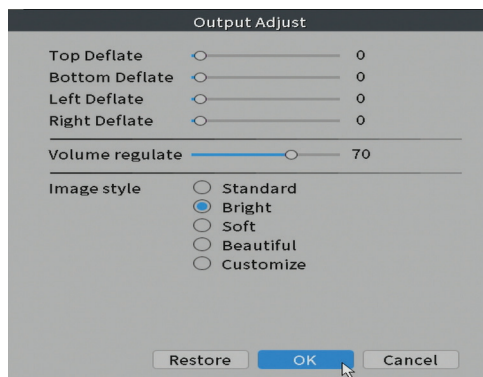


Split menu (Dividi visualizzazione)

Selezionare come visualizzare le telecamere sullo stesso schermo. Opzioni: visualizzare 1 telecamera, 2, 4, 6, 8, 9 o 16 telecamere contemporaneamente.

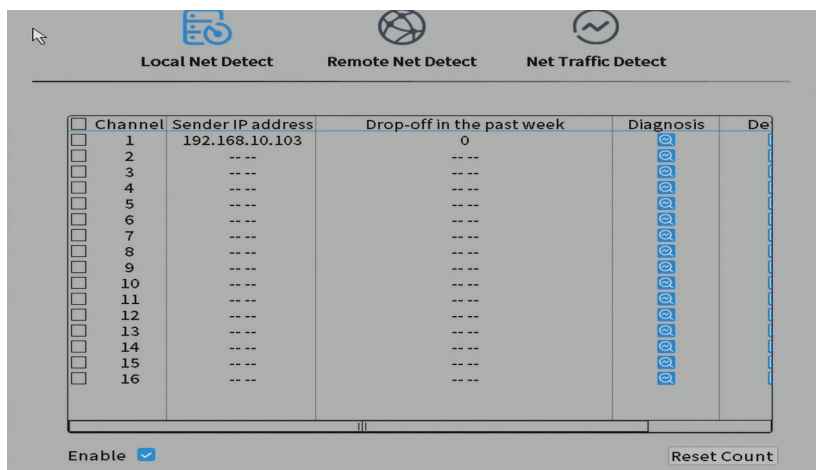
Output Adjust (Impostazioni immagine)

Imposta il volume e l'immagine.

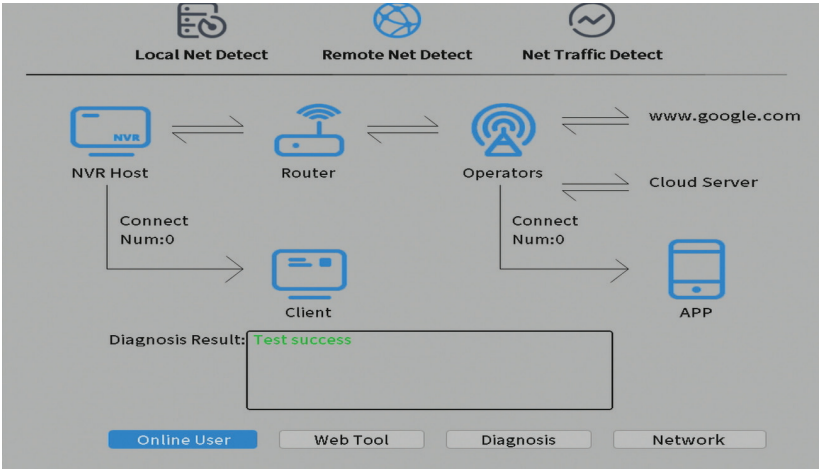


Net Detect

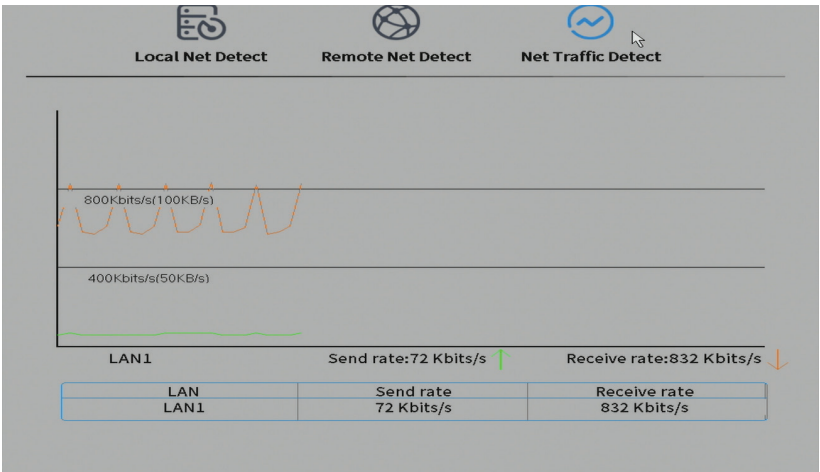
1. Local Net Detect. Monitoraggio e diagnostica della connessione della telecamera.



2. Remote Net Detect. Monitoraggio, diagnostica e configurazione di rete e server Cloud.



3. Net traffic Detect. Monitoraggio del traffico dati eseguito da NVR in rete.



Logout

Esci, spegni o riavvia il sistema.

Hoofdfuncties

- Gelijktijdige realtime meerkanaalsopname, afspelen op afstand en configuratie
- Ondersteunt tot 16 kanalen met een maximale 4K-resolutie.
- Back-up op USB-flashgeheugen en externe HDD.
- Ondersteunt gezichts- en menselijke vormdetectie (afhankelijk van de camera)
- Mogelijkheid om externe luidspreker aan te sluiten.

Technische specificaties

Video-ingang	16 x 4K (access bandwidth 72Mbps)
Video uitgang	1 x VGA / 1 x HDMI
Video compressie	H.265AI/H.265+ (compatibel H.265/H.264)
Afspeelresolutie	Maxim 2K (2560 x 1440)
Audiocompressie	G.711A
Audio uitgang	1 x 3,5 mm
Opnamemodus	Handmatig, alarm, bewegingsdetectie, geprogrammeerd
USB	2 x USB2.0
HDD	1 x HDD SATA (max. 14Tb)
ONVIF	Ja
Voedingsspanning:	12V / 2A
Dimensies	255 x 210 x 45 mm
Werktemperatuur	-26°C ~ +60°C

Gebruiksaanwijzing

De opslagruimte installeren

Installeer de opslagruimte voor het eerste gebruik. Er kan slechts één SATA HDD met een maximale capaciteit van 14TB in de opname-eenheid worden geïnstalleerd (HDD is niet inbegrepen in het pakket).

- Draai de schroeven los en open de NVR-behuizing

- Sluit de datakabels aan en zet de harde schijf vast met de schroeven
- Sluit de NVR-behuizing terug
- Sluit de stroom- en internetkabel aan op de NVR

Zet het apparaat aan

Steek de stekker van het netsnoer in een 230V stopcontact. De NVR wordt gestart. De indicatie-LED gaat branden. Standaard worden 16 kanalen op het scherm weergegeven.

Als de starttijd binnen het vooraf ingestelde opnameschema valt, wordt de opnamefunctie automatisch gestart.

Opmerkingen:

1. Controleer of de ingangsspanning overeenkomt met de aanbevolen spanning van het apparaat. De voedingsspanning is $230V \pm 10\%$ / 50 Hz 2A.
2. We raden aan om een UPS-apparaat te gebruiken om het apparaat te beschermen tegen spanningsschommelingen.

Schakel het apparaat uit

Er zijn twee manieren om het apparaat uit te schakelen.

1. Ga naar het hoofdmenu (klik met de rechtermuisknop op het scherm) en selecteer de optie Afmelden - Afsluiten
2. Schakel de voeding uit.

Speciale waarschuwingen:

1. Herstart na stroomuitval. Als het apparaat abnormaal wordt gesloten, maakt het een back-up en start het opnieuw vanaf die status nadat de stroom is hersteld.
2. Plaats de batterij terug op het moederbord. Voordat u de batterij vervangt, moet u een back-up van uw systeeminstellingen maken (zie hoofdstuk Geavanceerd importeren / exporteren) en de stroomtoevoer uitschakelen. De tijd en datum van het apparaat moeten opnieuw worden ingesteld nadat de batterij is vervangen. We raden aan om de batterij elk jaar te vervangen.

Afstandsbediening van het apparaat

De NVR kan lokaal of op afstand worden bediend vanaf zowel smartphones als computers met Windows-besturingssysteem.

Besturingssysteem	Sollicitatie	Downloaden	
Android, iOS	XMEye		
		Android	iOS
Windows	General CMS	Het installatiebestand kan worden gedownload vanaf de cd die is meegeleverd in het pakket of via de downloadsectie op de productwebpagina (www.MyPNI.nl)	

Systeemverificatie

Nadat u het apparaat hebt ingeschakeld, logt u in op het systeem. Standaard is de admin-gebruiker beveiligd met een wachtwoord door 1234. Als het wachtwoord 5 keer achter elkaar verkeerd wordt ingevoerd, wordt het account geblokkeerd. Door het apparaat opnieuw op te starten of na een half uur wordt het account automatisch ontgrendeld.

Opmerking: Voor de veiligheid van uw systeem dient u het wachtwoord na de eerste keer inloggen te wijzigen.

Snelle installatiegids

Nadat het apparaat is gestart, wordt de beknopte installatiehandleiding gestart.

Opmerking: we raden aan het systeem te configureren voordat u de NVR en camera's op de uiteindelijke locatie installeert.

Te volgen stappen:

1. Stel de tijd, datum en tijdzone in.
2. Binnenkort verschijnt er een pop-upvenster op het scherm waarin u wordt gevraagd het authenticatiewachtwoord in het systeem te wijzigen. Volg de stappen op het scherm of druk op de ESC-toets op de NVR om de interface voor het instellen van het wachtwoord te verlaten.

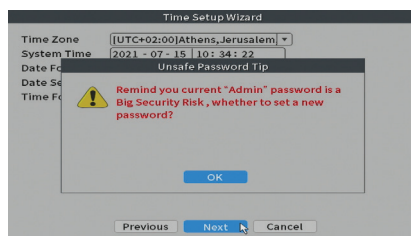
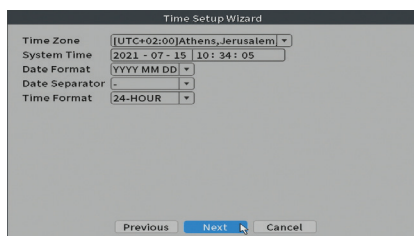
Opmerking: voor de veiligheid van uw systeem raden we aan het wachtwoord te wijzigen na de eerste keer inloggen in het systeem.

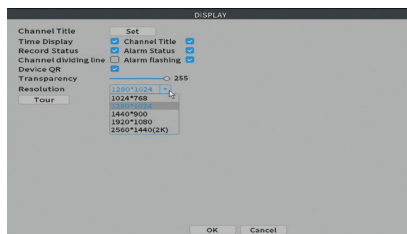
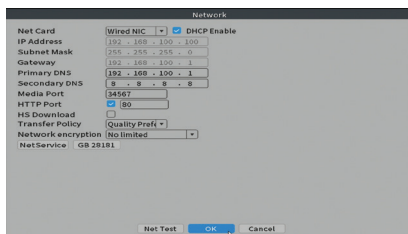
3. Stel de netwerkparameters handmatig in of activeer de DHCP-optie voor automatisch downloaden.
4. Scan de QR-code op het scherm om de XMEye-applicatie op uw mobiele telefoon te installeren. Scan de QR-code met het serienummer om het systeem aan de applicatie toe te voegen.
5. Stel de weergaveopties en resolutie in van de monitor die is aangesloten op de NVR. Maximaal ondersteunde resolutie 2560x1440 (2K).

Opmerking: Voordat u de resolutie wijzigt, moet u ervoor zorgen dat uw monitor die resolutie ondersteunt. Als de ingestelde resolutie hoger is dan de resolutie van uw monitor, verschijnt er niets op de monitor en kunt u het menu niet openen. Als dit echter gebeurt, sluit u de NVR aan op een monitor met een lagere resolutie, opent u het menu en wijzigt u de resolutie.

6. Druk op de OK-toets om de basissysteemconfiguratie te voltooien.
7. Klik met de rechtermuisknop op het scherm en open de NetDetect-optie. Klik op Diagnose om de netwerkconfiguratie te testen.

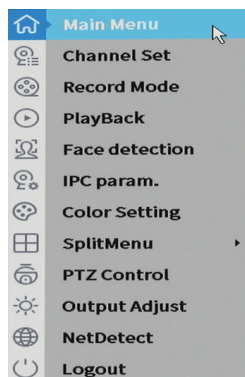
Opmerking: Start het systeem opnieuw op om de instellingen van kracht te laten worden. Klik met de rechtermuisknop op het scherm - Logout - Reboot.





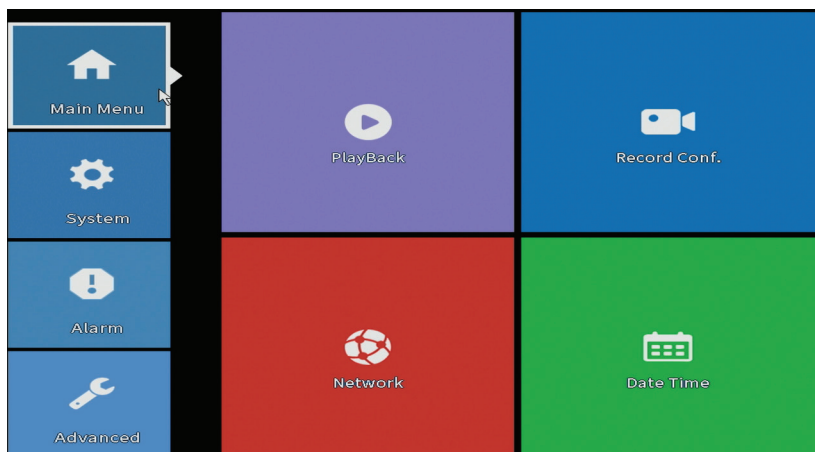
Het menu

Klik in de hoofdvoorbeeldinterface met de rechtermuisknop om het menu te openen.



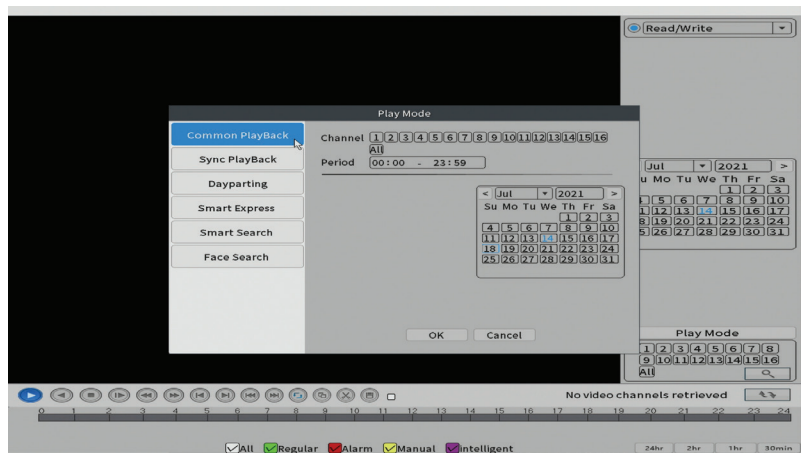
Main Menu (Hoofdmenu)

Opties: Playback, Record Conf, Network, Date Time.



Playback (Afspelen)

Het systeem biedt tal van filters en mogelijkheden om het gewenste record te identificeren. U kunt zoeken op kanaalnummer, datum en tijdsinterval of op bestandstype.



Record Conf. (Opnameconfiguratie)

Via de interface kunt u de volgende instellingen maken: de lengte van een opnamebestand, de opnamemodus (geprogrammeerd of handmatig), de periode (dag en tijdsinterval) en het opnametype (normaal, bewegingsdetectie en alarm).



Network (Netwerk)

Stel handmatig de netwerkparameters in (IP-adres, gateway, DNS, poort, enz.) of vink de DHCP-optie aan voor het automatisch ophalen van parameters.

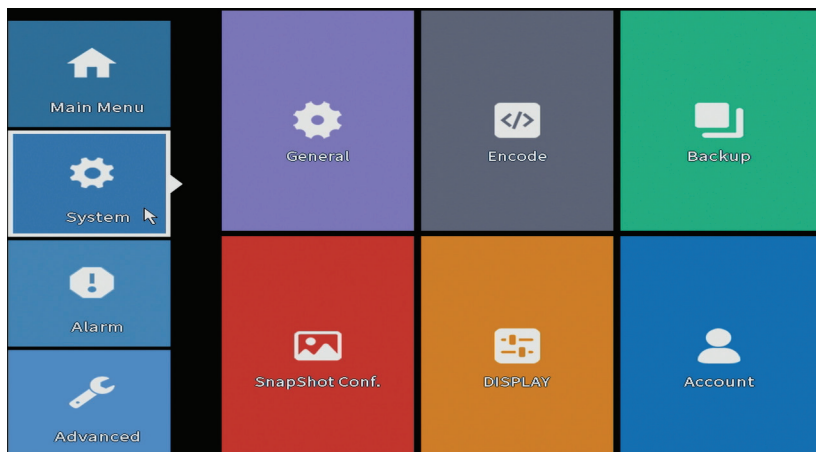
Opmerking: Start het systeem opnieuw op om de instellingen van kracht te laten worden. Klik met de rechtermuisknop op het scherm - Logout - Reboot.

Date time (Datum Tijd)

Stel de tijdzone, datum, tijd en formaat in.

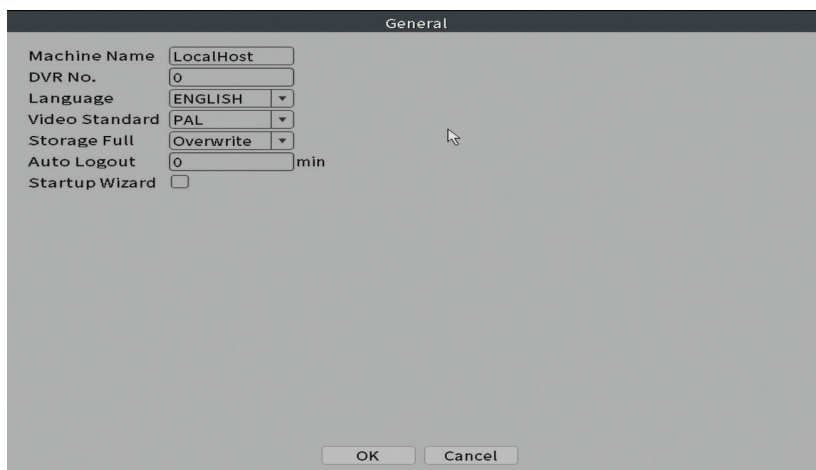
System (Systeem)

Opties: General, Encode, Backup, Snapshot Config., Display, Account.



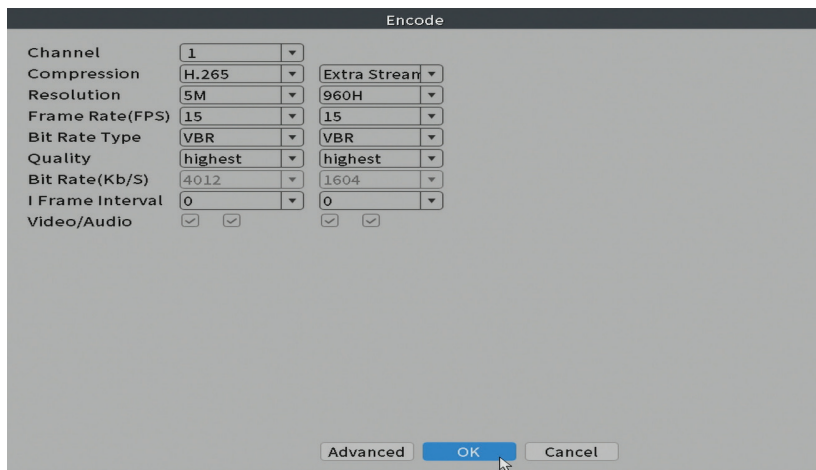
General (Algemeen)

De interface maakt de volgende instellingen mogelijk: de menuweergavetaal, het gedrag bij een volle harde schijf (overschrijven of stoppen met opnemen), de sessieduur en de snelle configuratiegids bij het opstarten van het systeem in-/uitschakelen.



Encode

Toont de technische parameters van de aangesloten camera's (resolutie, framerate, videocompressie, kwaliteit, enz.).



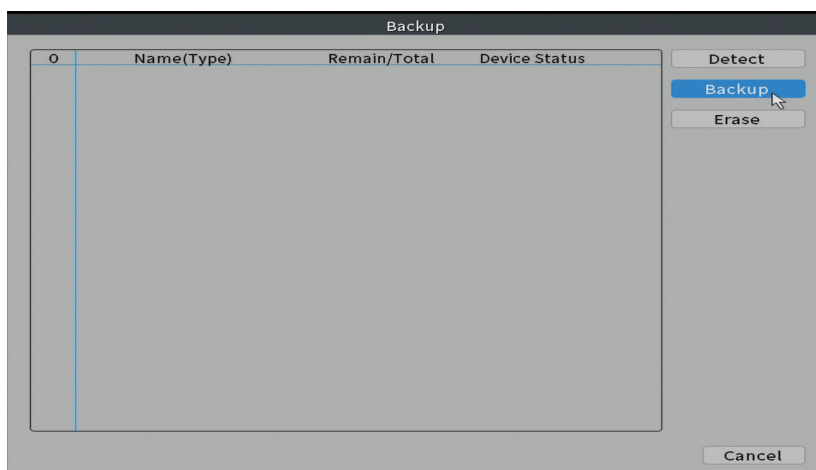
The 'Encode' window displays various video encoding parameters. It includes dropdown menus for Channel, Compression, Resolution, Frame Rate (FPS), Bit Rate Type, Quality, Bit Rate (Kb/S), and I Frame Interval. There are also checkboxes for Video and Audio. The 'OK' button is highlighted with a mouse cursor.

Parameter	Value
Channel	1
Compression	H.265
Resolution	5M
Frame Rate (FPS)	15
Bit Rate Type	VBR
Quality	highest
Bit Rate (Kb/S)	4012
I Frame Interval	0
Video/Audio	☒ ☒

Buttons: Advanced, OK, Cancel

Backup

Het USB-geheugen of de externe HDD moet in de NVR zijn geïnstalleerd voordat de back-up wordt gestart. Druk op de knop Detecteren om het opslagapparaat te identificeren en vervolgens op de knop Back-up om de back-up uit te voeren.



The 'Backup' window shows a table with columns for Name (Type), Remain/Total, and Device Status. On the right, there are buttons for Detect, Backup, Erase, and Cancel. The 'Backup' button is highlighted with a mouse cursor.

ID	Name (Type)	Remain/Total	Device Status
0			

Buttons: Detect, Backup, Erase, Cancel

Snapshot Config (Momentopnameconfiguratie)

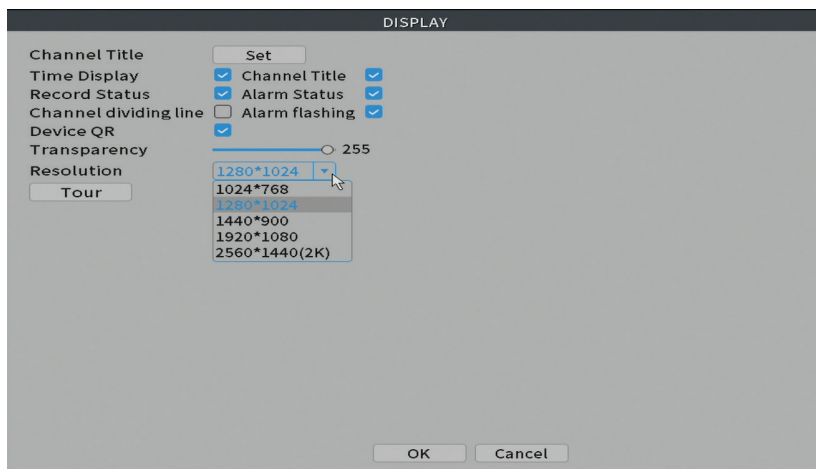
Stel in om op een bepaald tijdstip cyclische opnamen te maken en deze per e-mail, FTP te verzenden of op uw harde schijf op te slaan.

The screenshot shows the 'SnapShot Conf.' window. Under 'Channel 1', the 'Cycle capture' radio button is selected. Below it, three checked options are listed: 'EMAIL' with a value of '64' seconds, 'FTP' with a value of '64' seconds, and 'storage' with a value of '64' seconds. The 'Timing capture' radio button is unselected. Below this is a table with columns: '0', 'Capture time', 'Delete', 'EMAIL', 'FTP', and 'storage'. The table is currently empty. At the bottom of the window, there are checkboxes for 'EMAIL', 'FTP', and 'storage' (which is checked), a 'Capture time' field set to '00 : 00 : 00', and an 'Add' button. There are also 'OK' and 'Cancel' buttons at the very bottom.

Display

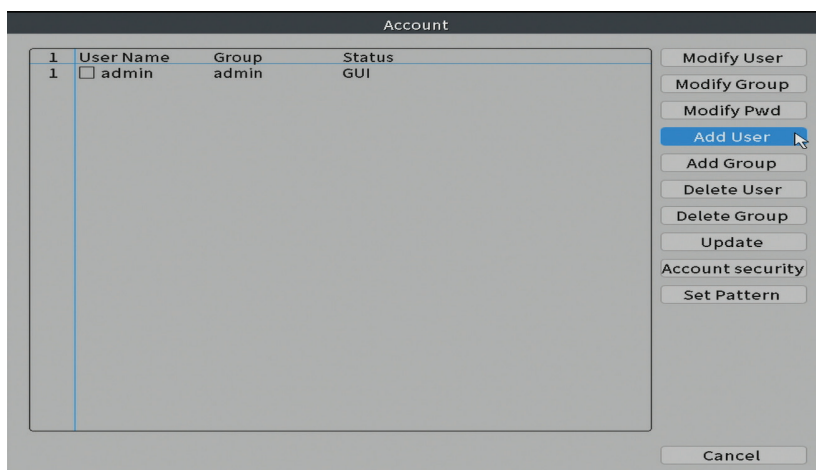
In de lokale voorbeeldmodus kunnen worden weergegeven: tijd, kanaalnaam, opnamestatus, alarmstatus, transparantie en schermresolutie.

Opmerking: Voordat u de resolutie wijzigt, moet u ervoor zorgen dat uw monitor die resolutie ondersteunt. Als de ingestelde resolutie hoger is dan de resolutie van uw monitor, verschijnt er niets op de monitor en kunt u het menu niet openen. Als dit echter gebeurt, sluit u de NVR aan op een monitor met een lagere resolutie, opent u het menu en wijzigt u de resolutie.



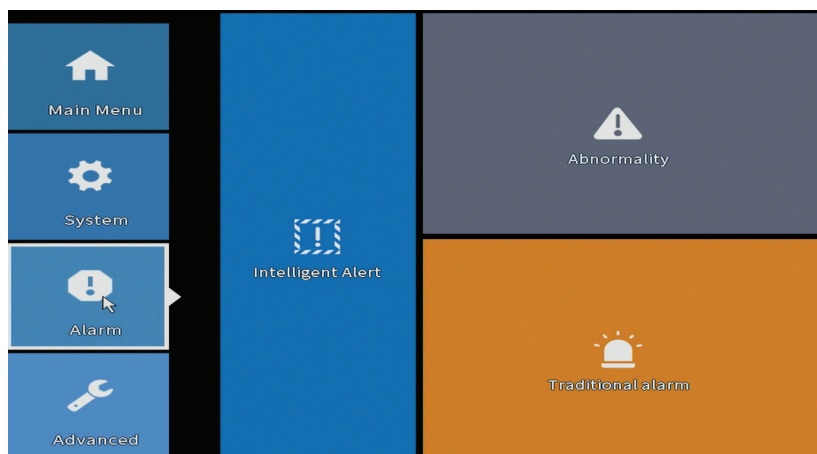
Account (Rekening)

Met de interface kunnen gebruikers die toegang hebben tot het systeem beheren, gebruikers toevoegen, gebruikersrechten wijzigen, het wachtwoord wijzigen, gebruikersgroepen maken en een accountbeveiligingsniveau instellen door antwoorden op bepaalde vooraf gedefinieerde vragen te registreren. In geval van wachtwoord reset kan de verificatiecode worden verzonden in de mobiele applicatie of op het ingestelde e-mailadres. Om de beveiliging te vergroten, kunt u een patroon instellen voor toegang tot het systeem.



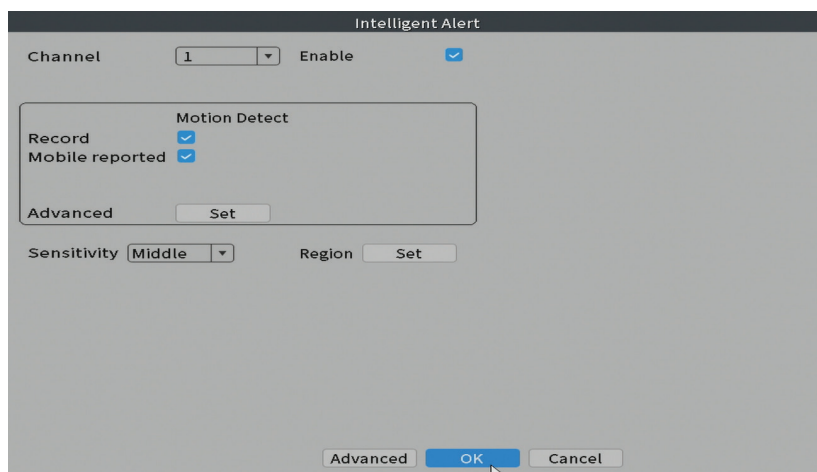
Alarm (Alarm)

Opties: Intelligent Alert, Abnormality en Traditional alarm (Geen beeld, Geen videosignaal, enz.). Alarmingang en intelligente opties zijn niet beschikbaar voor dit model.



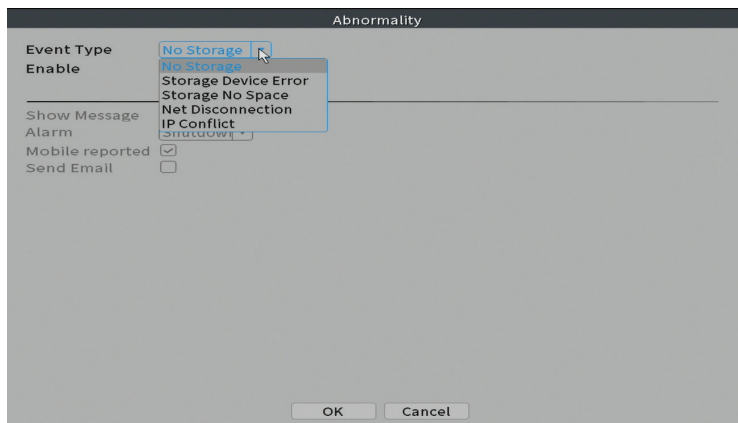
Intelligent Alert (Intelligente waarschuwing)

Stel het systeemgedrag in bij bewegingsdetectie: registratie en/of melding in de applicatie. Stel ook het gevoeligheidsniveau voor beweging en het actiegebied in.



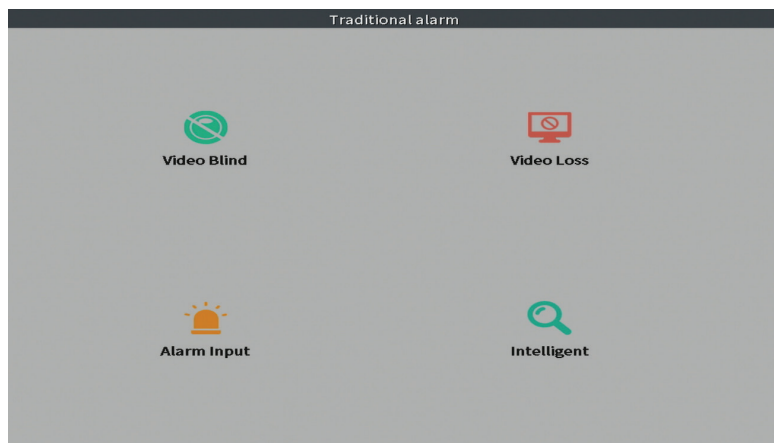
Abnormality (Afwijking)

Stel het systeemgedrag in in geval van: opslagapparaatfout, gebrek aan ruimte op het opslagapparaat, geen internetverbinding of IP-conflict. In dergelijke situaties kunt u instellen om een melding in de applicatie of een e-mail te sturen.



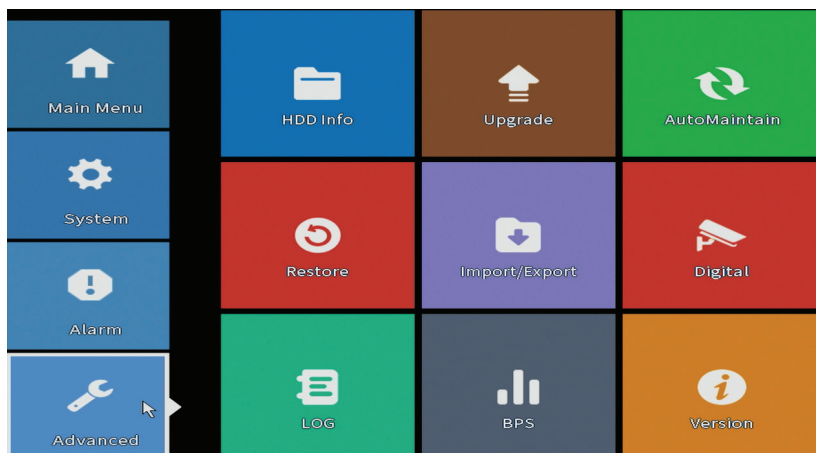
Traditional alarm (Traditioneel alarm)

Stel het systeemgedrag in bij ontbrekend beeld of ontbrekend videosignaal. In dergelijke situaties kunt u instellen om een melding in de applicatie of een e-mail te sturen, opname te starten, opnames te maken of de alarmopname op een FTP-server op te slaan.



Advanced (Geavanceerd)

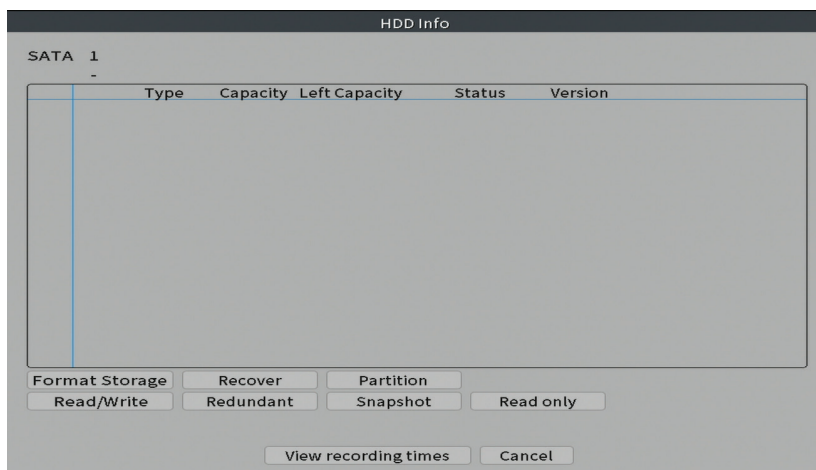
Opties: HDD info, Upgrade, Auto/Maintain, Restore, Import / Export, Digital, LOG, BPS en Version.



HDD info

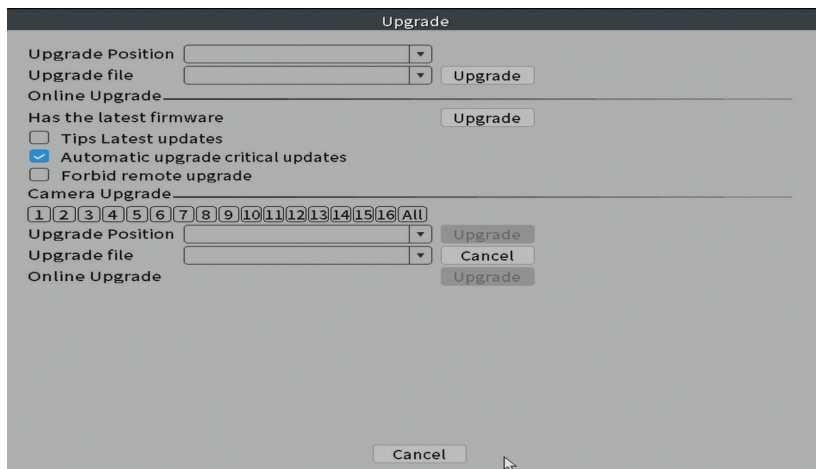
Stel in hoe de harde schijf werkt (alleen-lezen of lezen-schrijven).

Opmerking: om opnames op de harde schijf op te slaan, moet deze in de lees-/schrijfmodus staan.



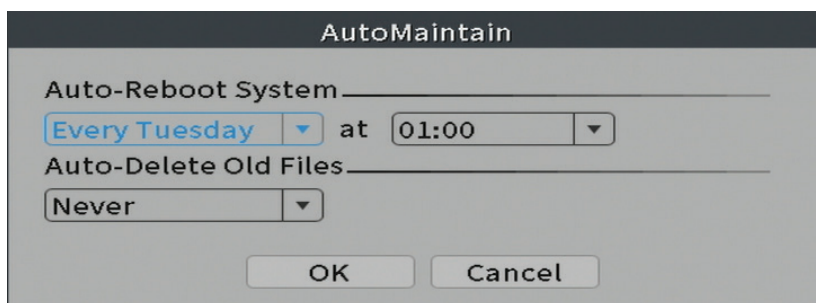
Upgrade

Plaats een USB-stick in de NVR die het updatebestand in de hoofdmap moet bevatten. Selecteer het opslagstation en het bestand in het NVR-menu en klik op de knop Upgrade.



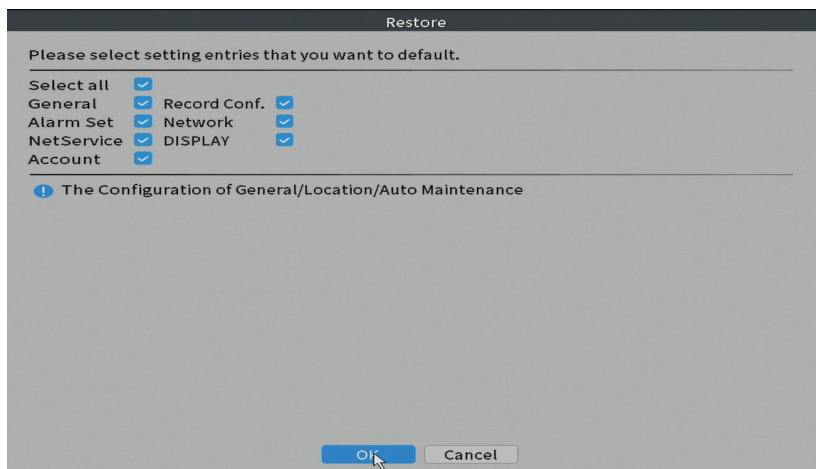
AutoMaintain (Automatisch onderhouden)

Stel het systeem in om op een bepaalde dag en tijd opnieuw op te starten of stel het automatisch verwijderen van bestanden die ouder zijn dan een bepaalde periode in.



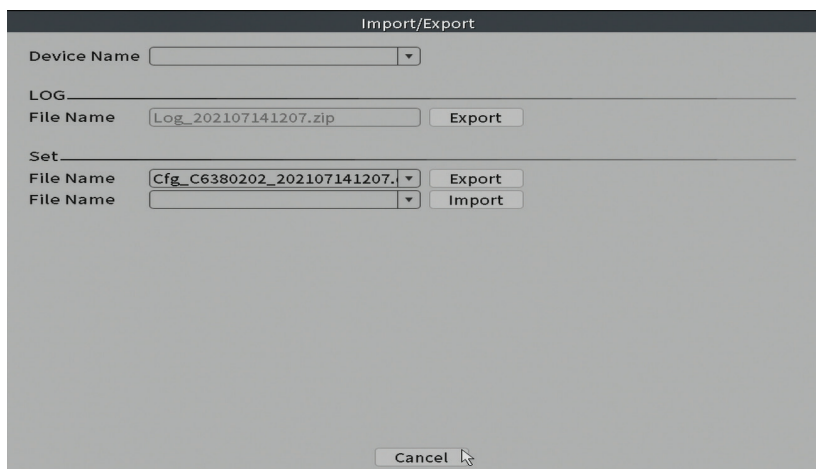
Restore (Resetten)

Selecteer de opties die u wilt resetten.



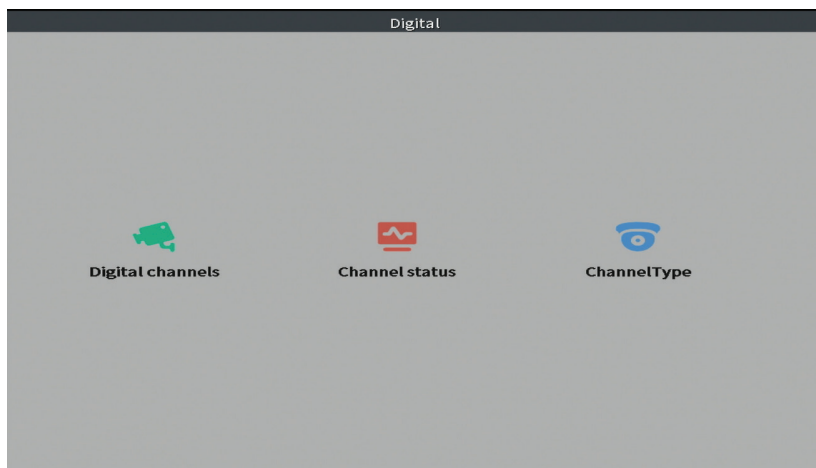
Import/Export (Importereren/Exporteren)

Systeeminstellingen exporteren of importeren.



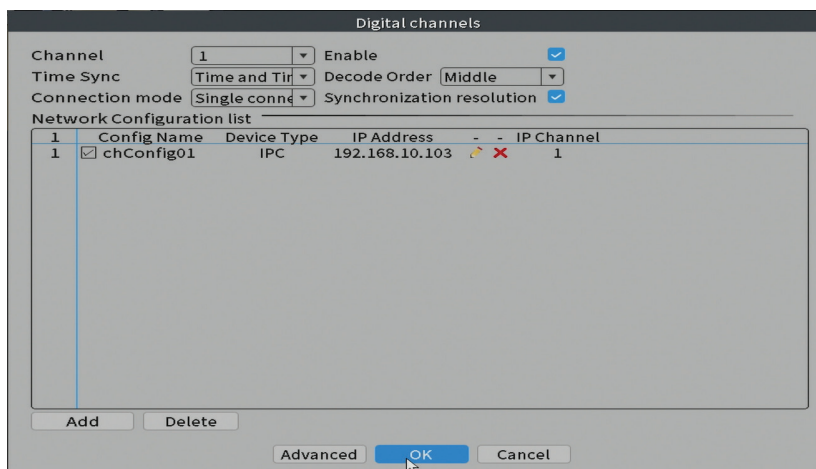
Digital (Digitaal)

Opties: Digital channels, Channel status en Channel Type.



Digital channels (Digitale kanalen)

Voeg een camera toe aan een specifiek kanaal. Klik op de knop Toevoegen en vervolgens op Zoeken om alle camera's te vinden die op hetzelfde netwerk (dezelfde router) zijn aangesloten met de NVR.



Channel status (Kanaalstatus)

Geeft de status weer (aangesloten, niet aangesloten of niet geconfigureerd) voor alle 16 kanalen.

Channel	Stream	Mainstream/Sub-Stream	Connection Status
D01	4K	5M/800x600	Connected
D02	4K	Unknown	Offline
D03	4K	Unknown	NoConfig
D04	4K	Unknown	NoConfig
D05	4K	Unknown	NoConfig
D06	4K	Unknown	NoConfig
D07	4K	Unknown	NoConfig
D08	4K	Unknown	NoConfig
D09	4K	Unknown	NoConfig
D10	4K	Unknown	NoConfig
D11	4K	Unknown	NoConfig
D12	4K	Unknown	NoConfig
D13	4K	Unknown	NoConfig
D14	4K	Unknown	NoConfig
D15	4K	Unknown	NoConfig
D16	4K	Unknown	NoConfig

Channel type (Kanaaltype)

Toont het maximale aantal camera's en de resolutie van de camera's die op het systeem kunnen worden aangesloten. De PNI IP716 NVR ondersteunt maximaal 16 IP-camera's met een maximale resolutie van 4K.

ChannelType

IP

4K

16

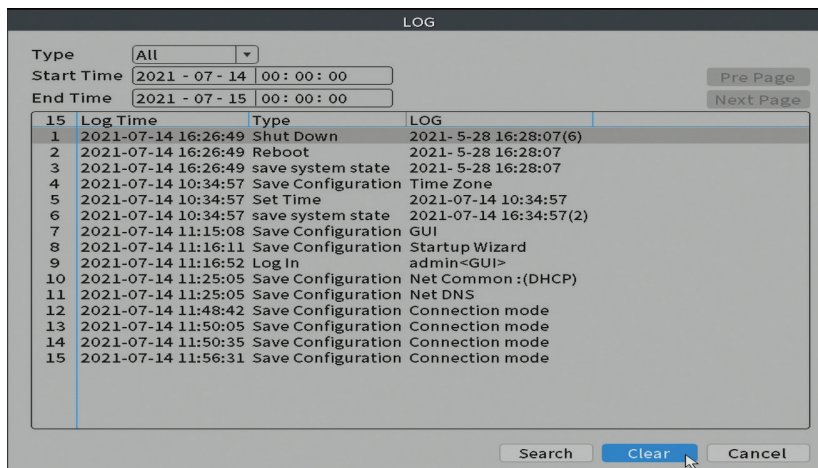
Maximum number of preview:

OK

Cancel

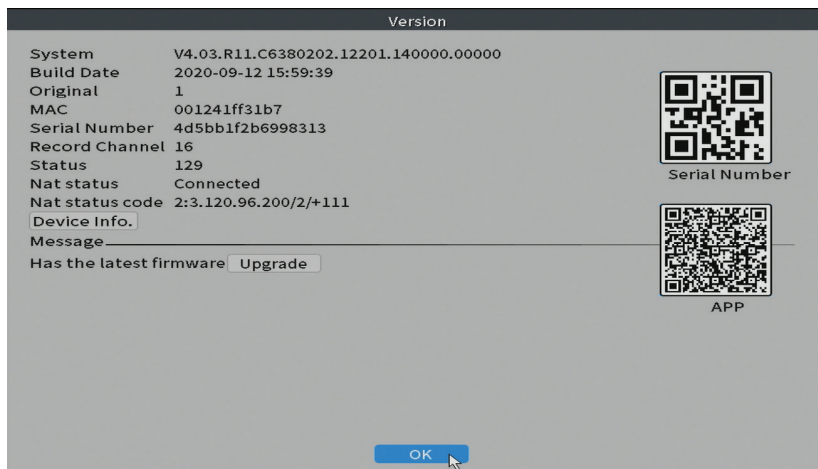
Log (Logboek)

Geeft de geschiedenis weer van acties die in het systeem zijn uitgevoerd.



Version (Versie)

Geeft nuttige informatie weer over firmware en QR-code met het serienummer van het systeem (handig om het toe te voegen aan de mobiele applicatie) en QR-code om de mobiele applicatie te downloaden.



Andere menu-opties

Klik met de rechtermuisknop op het scherm om extra opties weer te geven:

Channel Set, Record Mode, Playback, Face detection, IPC parameters, Color settings, Split menu, PTZ Control, Output adjust, NetDetect, Logout.



Channel set (Kanaal ingesteld)

Met de interface kunnen de camera's die aan het systeem zijn toegevoegd, worden toegevoegd en beheerd.

Camera-interface toevoegen

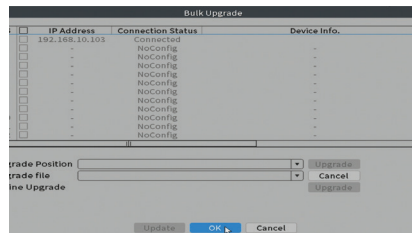
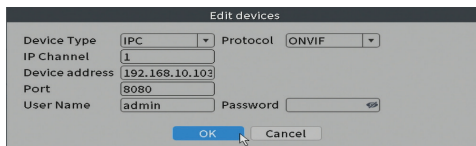
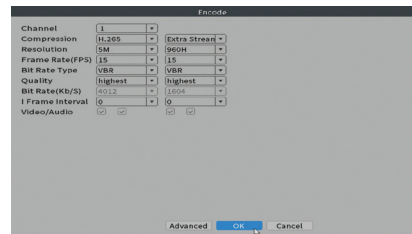
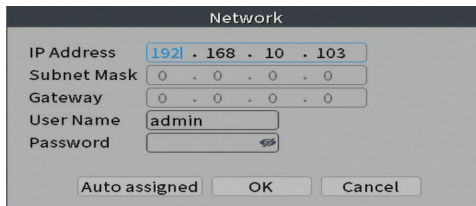
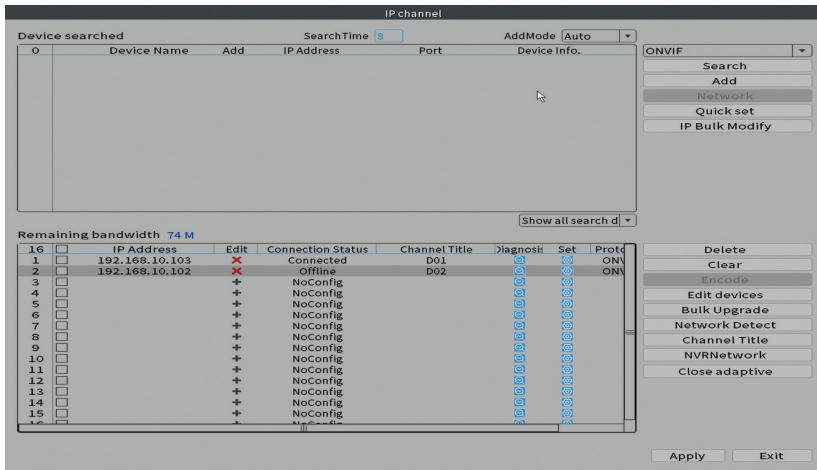
1. Selecteer het communicatieprotocol tussen de NVR en de camera's. Opties: NETIP, ONVIF, Full Netcom.
2. **Search.** Druk op de zoektoets om te zoeken naar camera's die zijn aangesloten op dezelfde router (hetzelfde netwerk) als de NVR.
3. **Add.** Selecteer in de lijst met weergegeven camera's de gewenste camera's en klik op Toevoegen om ze aan het systeem toe te voegen.
4. **Network.** Configureer netwerkparameters voor camera's (IP-adres, gateway, enz.)
5. **Quick set.** Snelle toevoeging en configuratie van camera's.
6. **IP Bulk Modify.** Snelle verandering van IP naar meerdere camera's.

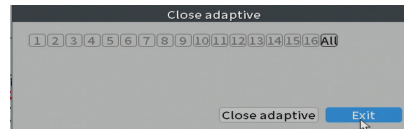
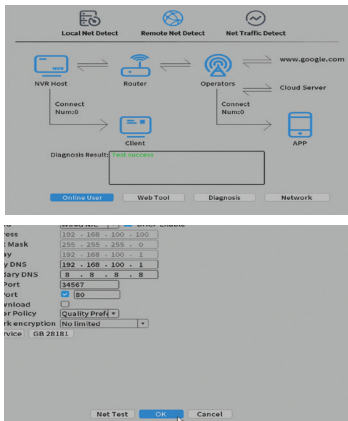
Kanalen interface

1. **Delete.** Verwijder de camera van het geselecteerde kanaal. Klik op Toepassen om te starten.
2. **Clear.** Verwijder de informatie over het geselecteerde kanaal. Klik op Toepassen om te starten.
3. **Encode.** Toont de technische parameters van de aangesloten camera's

(resolutie, framerate, videocompressie, kwaliteit, enz.).

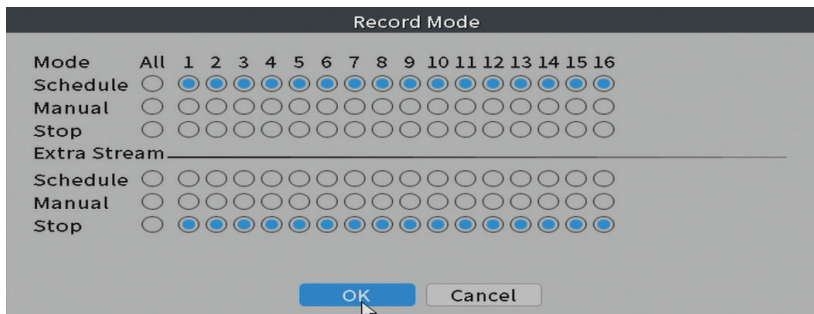
4. **Edit devices.** Wijzig IP en poort voor het geselecteerde kanaal.
5. **Bulk upgrade.** Firmware-update voor geselecteerde camera's.
6. **Network detect.** Testen en diagnostiek van cloudnetwerken en servers.
7. **Channel title.** Camera's hernoemen.
8. **NVR Network.** NVR-netwerkparameters configureren.
9. **Close adaptive.** Schakelt de IP-aanpassingsfunctie uit voor de geselecteerde camera's.





Record mode (Opnamemodus)

Stel de opnamemodus in (handmatig of geprogrammeerd) voor elk kanaal.



Preview (Voorbeeld)

Snelkoppeling voor toegang tot de zoek- en afspeelinterface van opnamen.

Face detection (Gezichtsherkenning)

De interface is alleen beschikbaar voor camera's die deze functie ondersteunen.

Color settings (Kleurinstellingen)

Pas de kleurparameters (helderheid, contrast, verzadiging, enz.) aan voor de cameraweergave-interface.

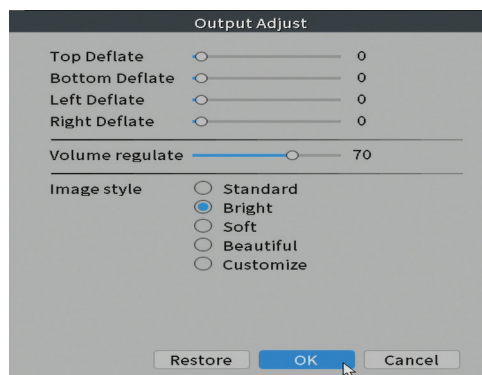


Split menu (Gesplitste weergave)

Selecteer hoe de camera's op hetzelfde scherm moeten worden weergegeven. Opties: 1 camera, 2, 4, 6, 8, 9 of 16 camera's tegelijk weergeven.

Output Adjust

Stel het volume en de afbeelding in.



Net Detect

1. Local Net Detect. Bewaking en diagnose van cameraverbindingen.

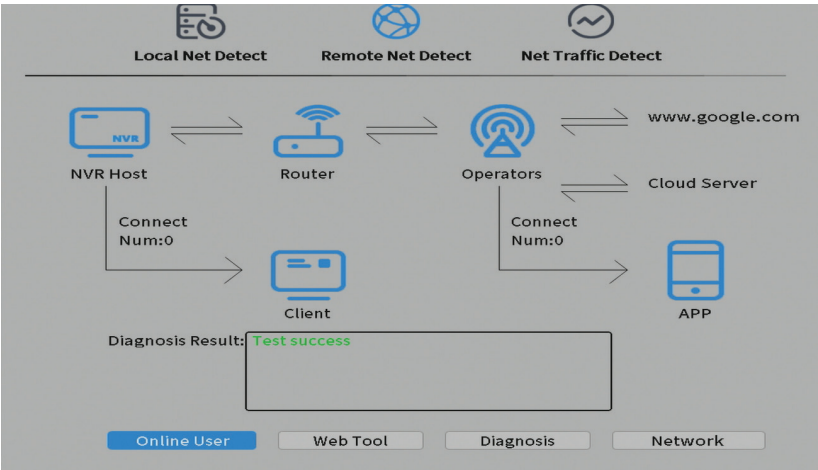
Local Net DetectRemote Net DetectNet Traffic Detect

Channel	Sender IP address	Drop-off in the past week	Diagnosis	De
1	192.168.10.103	0		
2	---	---		
3	---	---		
4	---	---		
5	---	---		
6	---	---		
7	---	---		
8	---	---		
9	---	---		
10	---	---		
11	---	---		
12	---	---		
13	---	---		
14	---	---		
15	---	---		
16	---	---		

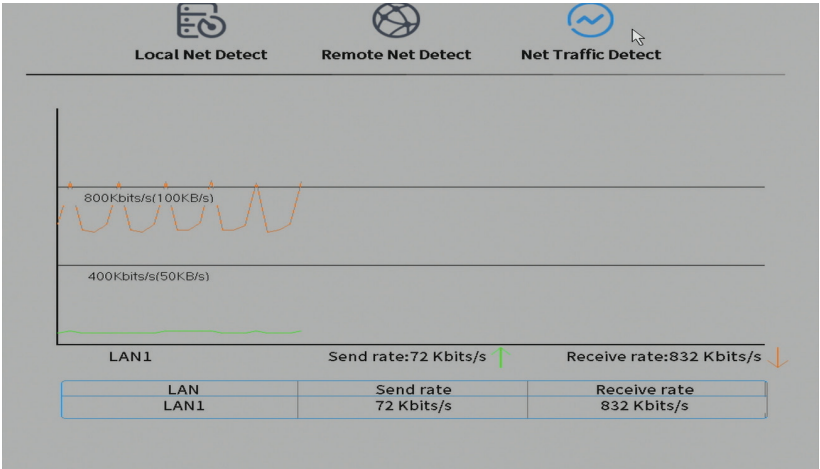
Enable ☒Reset Count

5

2. Remote Net Detect. Monitoring, diagnose en configuratie van netwerk en cloudserver.

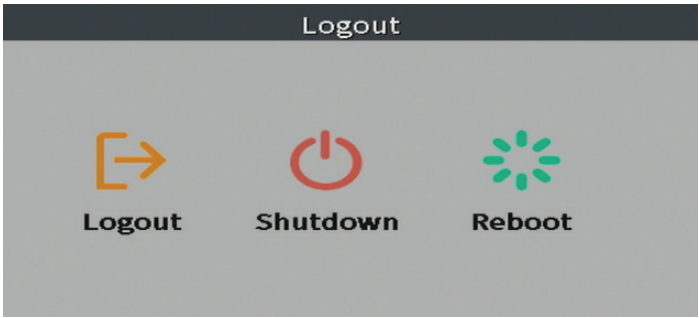


3. Net traffic Detect. Monitoring van dataverkeer uitgevoerd door NVR in het netwerk.



Logout

Log uit, sluit het systeem af of start het opnieuw op.



Główne funkcje

- Jednoczesne nagrywanie wielokanałowe w czasie rzeczywistym, zdalne odtwarzanie i konfiguracja
- Obsługuje do 16 kanałów o maksymalnej rozdzielczości 4K.
- Kopia zapasowa na pamięci flash USB i zewnętrznym dysku twardym.
- Obsługuje wykrywanie twarzy i kształtu ludzkiego (w zależności od aparatu)
- Możliwość podłączenia zewnętrznego głośnika.

Specyfikacja techniczna

Wejście wideo	16 x 4K (access bandwidth 72Mbps)
Wyjście wideo	1 x VGA / 1 x HDMI
Kompresja wideo	H.265AI/H.265+ (kompatybilny z H.265/H.264)
Rozdzielczość odtwarzania	Maksimum 2K (2560 x 1440)
Kompresja dźwięku	G.711A
Wyjście audio	1x3.5mm
Tryb nagrywania	Ręczny, alarm, detekcja ruchu, zaprogramowany
USB	2 porty USB 2.0
HDD	1 x HDD SATA (maks. 14 TB)
ONVIF	TAK
Napięcie	12V / 2A
Wymiary	255 x 210 x 45 mm
Temperatura pracy	-26°C ~ +60°C

Instrukcja użycia

Instalowanie jednostki do przechowywania

Przed pierwszym użyciem zainstaluj schowek. Wewnątrz jednostki nagrywającej można zainstalować tylko jeden dysk twardy SATA o maksymalnej pojemności 14 TB (dysk twardy nie wchodzi w skład zestawu).

- Poluzuj śruby i otwórz obudowę NVR
- Podłącz kable danych i zabezpiecz dysk twardy śrubami

- Zamknij obudowę NVR
- Podłącz kabel zasilający i internetowy do NVR

Włącz urządzenie

Podłącz przewód zasilający do gniazdka 230V. NVR zostanie uruchomiony. Zaświeci się wskaźnik LED. Domyślnie na ekranie będzie wyświetlanych 16 kanałów.

Jeśli czas rozpoczęcia mieści się w ustalonym harmonogramie nagrywania, funkcja nagrywania rozpocznie się automatycznie.

Uwagi:

1. Sprawdź, czy napięcie wejściowe odpowiada zalecanemu napięciu urządzenia. Napięcie zasilania wynosi $230V \pm 10\%$ / 50 Hz 2A.
2. Sugerujemy użycie zasilacza UPS w celu ochrony urządzenia przed wahaniami napięcia.

Wyłącz urządzenie

Urządzenie można wyłączyć na dwa sposoby.

1. Wejdź do menu głównego (kliknij prawym przyciskiem myszy na ekranie) i wybierz opcję Wyloguj - Zamknij
2. Wyłącz zasilanie.

Specjalne ostrzeżenia:

1. Uruchom ponownie po awarii zasilania. Jeśli urządzenie zostanie nieprawidłowo zamknięte, tworzy kopię zapasową i uruchamia się ponownie od tego stanu po przywróceniu zasilania.
2. Wymień baterię na płycie systemowej. Przed wymianą baterii należy wykonać kopię zapasową ustawień systemowych (patrz rozdział Zaawansowane-Import / Eksport) i wyłączyć zasilanie. Po wymianie baterii należy ponownie ustawić godzinę i datę urządzenia. Zalecamy wymianę baterii co roku.

Zdalne sterowanie urządzeniem

NVR może być sterowany lokalnie lub zdalnie zarówno ze smartfonów, jak i komputerów z systemem operacyjnym Windows.

System operacyjny	Podanie	Pobierać	
Android, iOS	XMEye		
		Android	iOS
Windows	General CMS	Plik instalacyjny można pobrać z płyty CD dołączonej do pakietu lub z sekcji Download na stronie produktu (www.pni.pl)	

Uwierzytelnianie systemu

Po włączeniu urządzenia zaloguj się do systemu.

Domyślnie administrator jest chroniony hasłem 1234. Jeśli hasło zostanie wprowadzone niepoprawnie 5 razy z rzędu, konto zostanie zablokowane. Po ponownym uruchomieniu urządzenia lub po pół godzinie konto zostanie odblokowane automatycznie.

Uwaga: Dla bezpieczeństwa systemu prosimy o zmianę hasła po pierwszym logowaniu.

Przewodnik szybkiej konfiguracji

Po uruchomieniu urządzenia uruchomi się przewodnik szybkiej konfiguracji.

Uwaga: Zalecamy skonfigurowanie systemu przed zainstalowaniem NVR i kamer w docelowej lokalizacji.

Kroki do naśladowania:

1. Ustaw godzinę, datę i strefę czasową.
2. Wkrótce na ekranie pojawi się wyskakujące okienko z prośbą o zmianę hasła uwierzytelniającego w systemie. Postępuj zgodnie z instrukcjami wyświetlanymi na ekranie lub naciśnij klawisz ESC na rejestratorze NVR, aby wyjść z interfejsu ustawiania hasła.

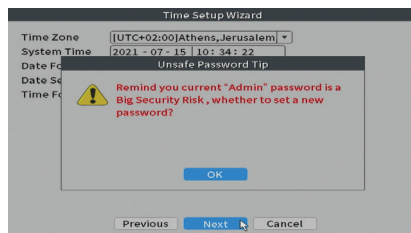
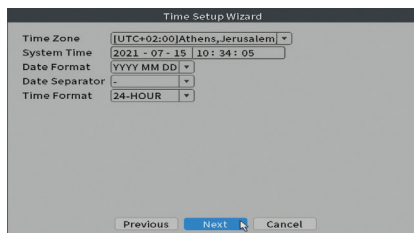
Uwaga: Dla bezpieczeństwa Twojego systemu zalecamy zmianę hasła po pierwszym logowaniu w systemie.

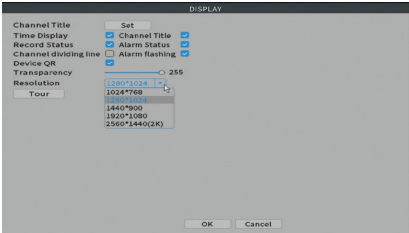
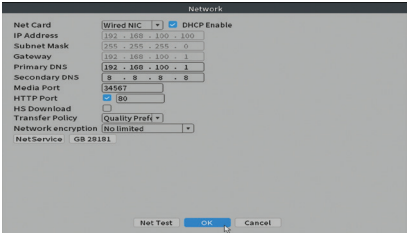
3. Ustaw parametry sieciowe ręcznie lub aktywuj opcję DHCP w celu automatycznego pobierania.
4. Zeskanuj kod QR na ekranie, aby zainstalować aplikację XMEye na telefonie komórkowym. Zeskanuj kod QR z numerem seryjnym, aby dodać system do aplikacji.
5. Ustaw opcje wyświetlania i rozdzielczość monitora podłączonego do rejestratora NVR. Maksymalna obsługiwana rozdzielczość 2560x1440 (2K).

Uwaga: Przed zmianą rozdzielczości upewnij się, że monitor obsługuje tę rozdzielczość. Jeśli ustawiona rozdzielczość jest wyższa niż rozdzielczość monitora, nic nie pojawi się na monitorze i nie będzie można uzyskać dostępu do menu. Jeśli jednak tak się stanie, podłącz NVR do monitora o niższej rozdzielczości, wejdź do menu i zmień rozdzielczość.

6. Naciśnij klawisz OK, aby zakończyć podstawową konfigurację systemu.
7. Kliknij prawym przyciskiem myszy na ekranie i uzyskaj dostęp do opcji NetDetect. Kliknij Diagnostykę, aby przetestować konfigurację sieci.

Uwaga: aby ustawienia zaczęły obowiązywać, uruchom ponownie system. Kliknij prawym przyciskiem myszy na ekranie - Logout - Reboot.





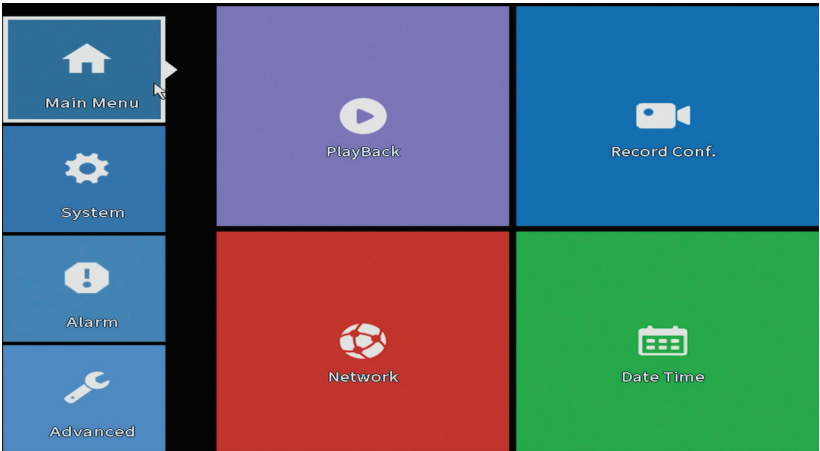
Menu

W głównym interfejsie podglądu kliknij prawym przyciskiem myszy, aby uzyskać dostęp do menu.



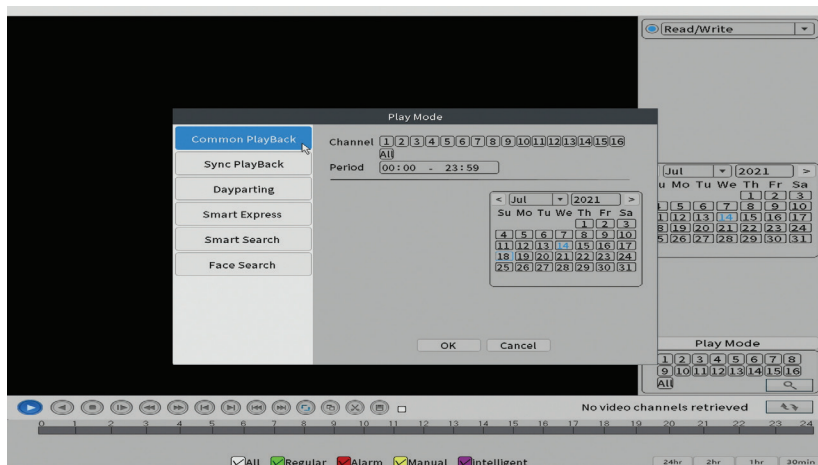
Main Menu (Menu główne)

Opcje: Playback, Record Conf, Network, Date Time.



Playback (Odtwarzanie nagrań dźwięku)

System oferuje liczne filtry i opcje identyfikacji żądanego rekordu. Możesz wyszukiwać według numeru kanału, daty i przedziału czasowego lub według typu pliku.



Record Conf. (Konf. rekordów)

Interfejs umożliwia dokonanie następujących ustawień: długość pliku nagrania, tryb nagrywania (programowany lub ręczny), okres (dzień i interwał czasowy) oraz typ nagrywania (normalny, detekcja ruchu i alarm).



Network (Sieć)

Ręcznie ustaw parametry sieciowe (adres IP, brama, DNS, port itp.) lub zaznacz opcję DHCP w celu automatycznego pobierania parametrów.

Uwaga: aby ustawienia zaczęły obowiązywać, uruchom ponownie system. Kliknij prawym przyciskiem myszy na ekranie - Logout - Reboot.

Network

Net Card: Wired NIC ☒ DHCP Enable

IP Address: 192 . 168 . 100 . 100

Subnet Mask: 255 . 255 . 255 . 0

Gateway: 192 . 168 . 100 . 1

Primary DNS: 192 . 168 . 100 . 1

Secondary DNS: 8 . 8 . 8 . 8

Media Port: 34567

HTTP Port: ☒ 80

HS Download: ☐

Transfer Policy: Quality Pref

Network encryption: No limited

NetService: GB 28181

Net Test OK Cancel

Date time (Data i godzina)

Ustaw strefę czasową, datę, godzinę i format.

Date Time

Time Zone: [UTC+02:00]Athens,Jerusalem

System Time: 2021 - 07 - 14 11: 20: 16

Date Format: YYYY MM DD

Date Separator: -

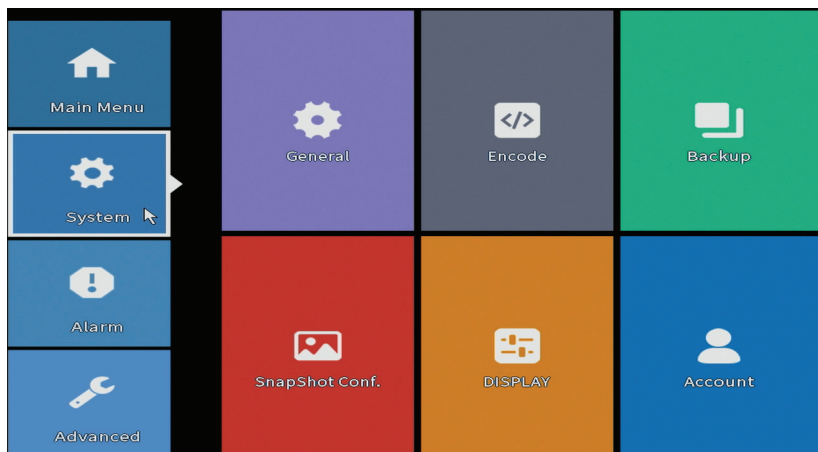
Time Format: 24-HOUR

DST ☐

Default OK Cancel

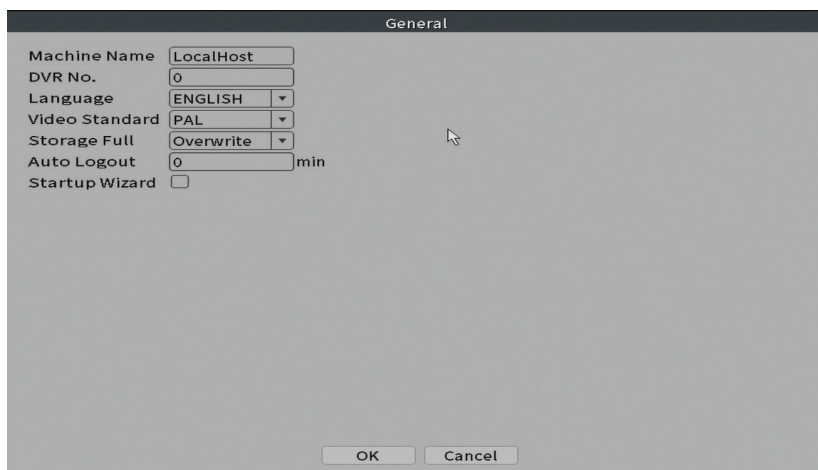
System

Opcje: General, Encode, Backup, Snapshot Config., Display, Account.



General (Ogólny)

Interfejs umożliwi następujące ustawienia: język wyświetlania menu, zachowanie w przypadku zapełnienia dysku twardego (nadpisanie lub zatrzymanie nagrywania), czas trwania sesji oraz włączenie/wyłączenie przewodnika szybkiej konfiguracji przy starcie systemu.



Encode

Wyświetla parametry techniczne podłączonych kamer (rozdzielczość, liczba klatek na sekundę, kompresja wideo, jakość itp.).

Encode			
Channel	1		
Compression	H.265	Extra Stream	
Resolution	5M	960H	
Frame Rate(FPS)	15	15	
Bit Rate Type	VBR	VBR	
Quality	highest	highest	
Bit Rate(Kb/S)	4012	1604	
I Frame Interval	0	0	
Video/Audio	☒ ☒	☒ ☒	
Advanced OK Cancel			

Backup

Pamięć USB lub zewnętrzny dysk twardy musi być zainstalowany w NVR przed rozpoczęciem tworzenia kopii zapasowej. Naciśnij przycisk Wykryj, aby zidentyfikować urządzenie pamięci, a następnie przycisk Kopia zapasowa, aby wykonać kopię zapasową.

Backup			
0	Name(Type)	Remain/Total	Device Status

Detect
Backup
Erase

Cancel

Snapshot Config (Konfiguracja zrzutu)

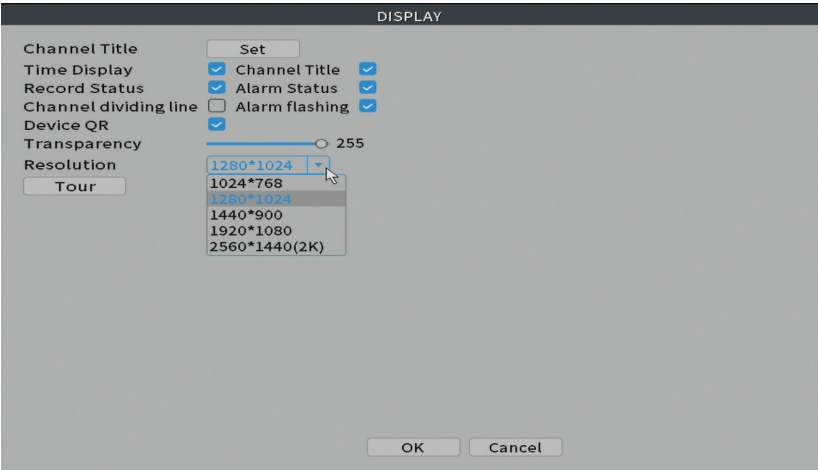
Ustaw, aby robić cykliczne przechwytywanie o określonej godzinie i wysyłać je e-mailem, FTP lub przechowywać na dysku twardym.

The screenshot shows the 'SnapShot Conf.' window. The 'Channel' is set to '1'. Under 'Cycle capture', which is selected with a radio button, there are three checked options: 'EMAIL' (64 Sec.), 'FTP' (64 Sec.), and 'storage' (64 Sec.). The 'Timing capture' section is currently empty. At the bottom, there are checkboxes for 'EMAIL', 'FTP', and 'storage' (checked), a 'Capture time' field set to '00 : 00 : 00', and an 'Add' button. The 'Stop' radio button is also present. At the very bottom are 'OK' and 'Cancel' buttons.

Display (Wyświetlacz)

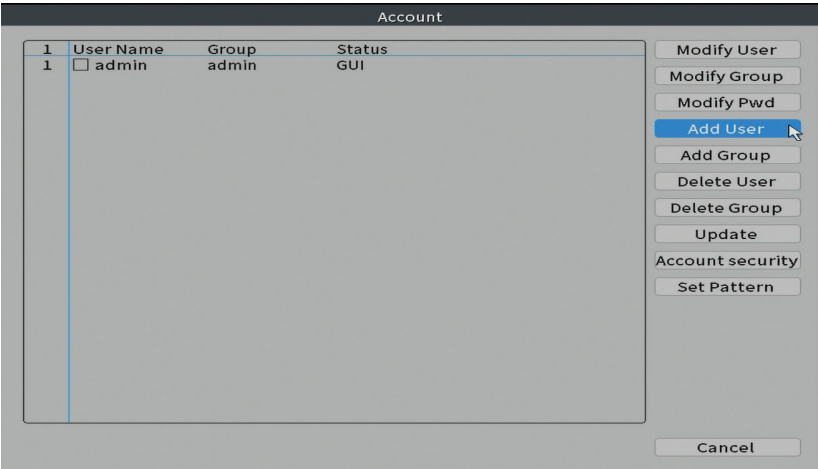
W trybie podglądu lokalnego mogą być wyświetlane: czas, nazwa kanału, stan nagrywania, stan alarmów, przezroczystość i rozdzielczość wyświetlania.

Uwaga: przed zmianą rozdzielczości upewnij się, że monitor obsługuje tę rozdzielczość. Jeśli ustawiona rozdzielczość jest wyższa niż rozdzielczość monitora, nic nie pojawi się na monitorze i nie będzie można uzyskać dostępu do menu. Jeśli jednak tak się stanie, podłącz NVR do monitora o niższej rozdzielczości, wejdź do menu i zmień rozdzielczość.



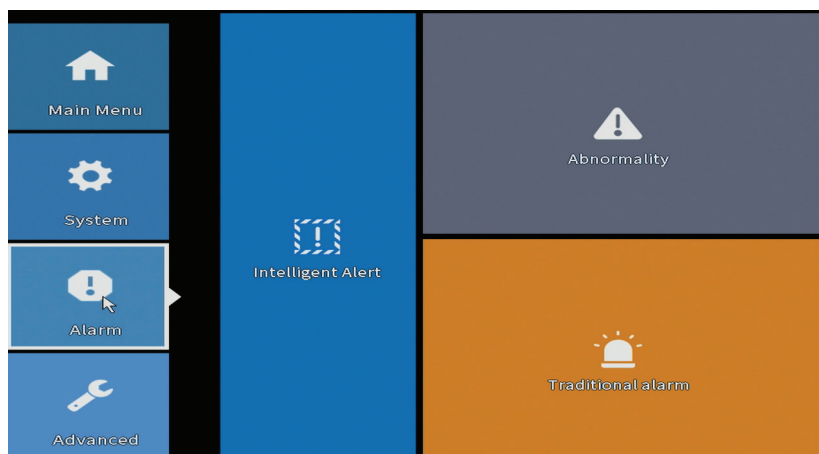
Account (Konto)

Interfejs umożliwia zarządzanie użytkownikami mającymi dostęp do systemu, dodawanie użytkowników, zmianę uprawnień użytkowników, zmianę hasła, tworzenie grup użytkowników oraz ustawianie poziomu bezpieczeństwa konta poprzez rejestrację odpowiedzi na określone predefiniowane pytania. W przypadku zresetowania hasła kod weryfikacyjny można wysłać w aplikacji mobilnej lub na podany adres e-mail. Aby zwiększyć bezpieczeństwo, możesz ustawić wzór dostępu do systemu.



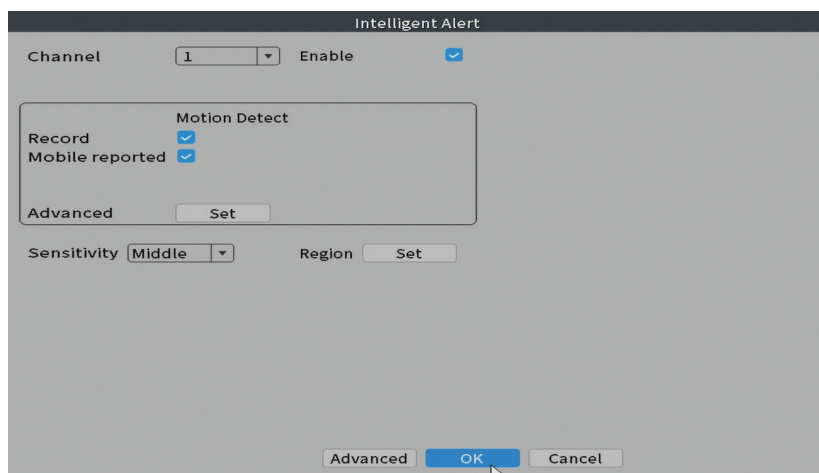
Alarm

Opcje: Intelligent Alert, Abnormality oraz Traditional alarm (Brak obrazu, brak sygnału wideo itp.). Wejście alarmowe i opcje inteligentne nie są dostępne w tym modelu.



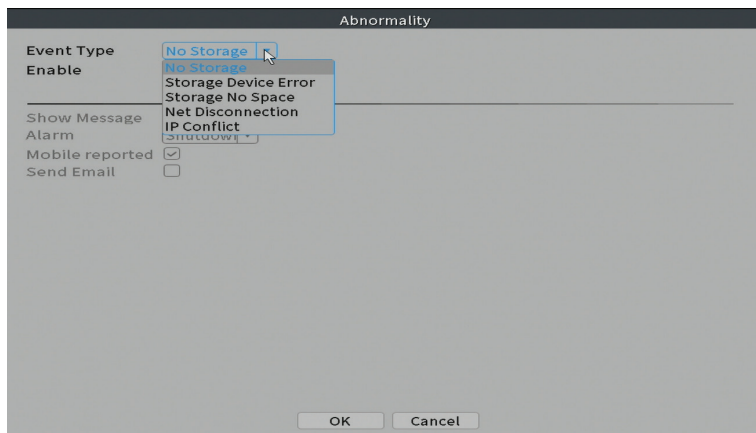
Intelligent Alert (Inteligentny alert)

Ustaw zachowanie systemu w przypadku wykrycia ruchu: rejestracja i/lub powiadomienie w aplikacji. Ustaw również poziom wrażliwości na ruch i obszar działania.



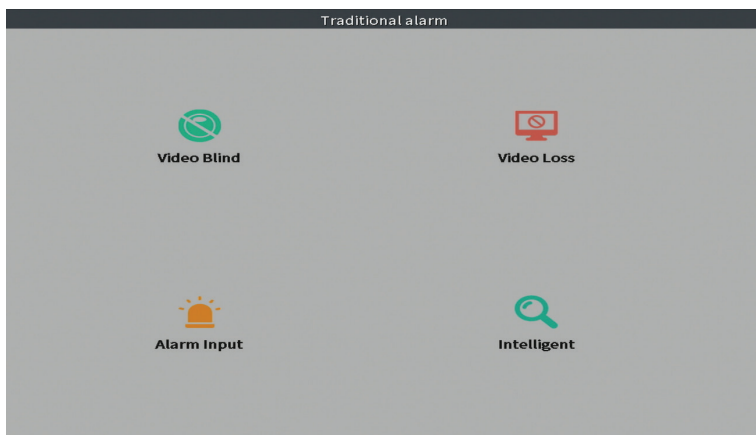
Abnormality (Nieprawidłowość)

Ustaw zachowanie systemu w przypadku: błędu urządzenia pamięci masowej, braku miejsca na urządzeniu pamięci masowej, braku połączenia internetowego lub konfliktu IP. W takich sytuacjach możesz ustawić wysyłanie powiadomienia w aplikacji lub e-mail.



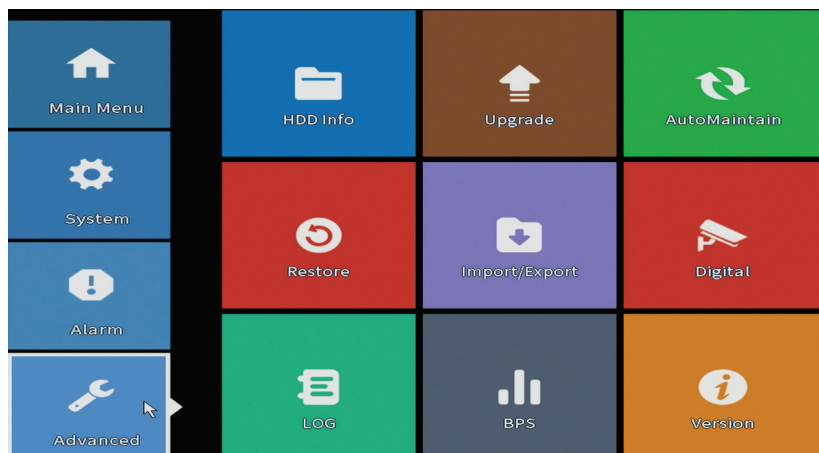
Traditional alarm (Tradycyjny alarm)

Ustaw zachowanie systemu w przypadku braku obrazu lub braku sygnału wideo. W takich sytuacjach można ustawić wysyłanie powiadomienia w aplikacji lub e-mail, rozpoczęcie nagrywania, wykonanie przechwytywania lub zapisanie nagrania alarmowego na serwerze FTP.



Advanced (Zaawansowany)

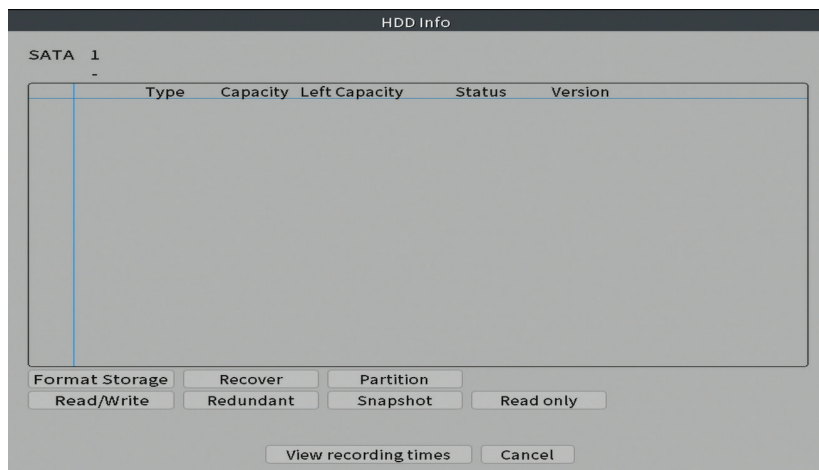
Opcje: HDD info, Upgrade, AutoMaintain, Restore, Import / Export, Digital, LOG, BPS oraz Version.



HDD info (Informacje o dysku twardym)

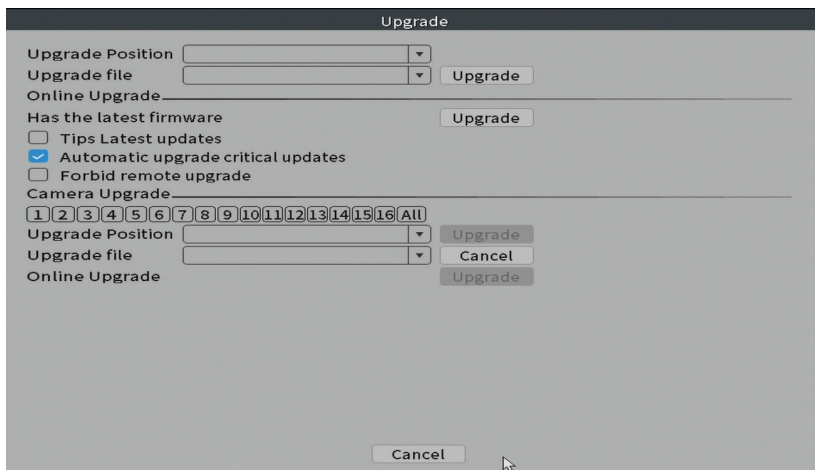
Ustaw sposób działania dysku twardego (tylko do odczytu lub do odczytu i zapisu).

Uwaga: Aby zapisać nagrania na dysku twardym, należy go ustawić w trybie odczytu / zapisu.



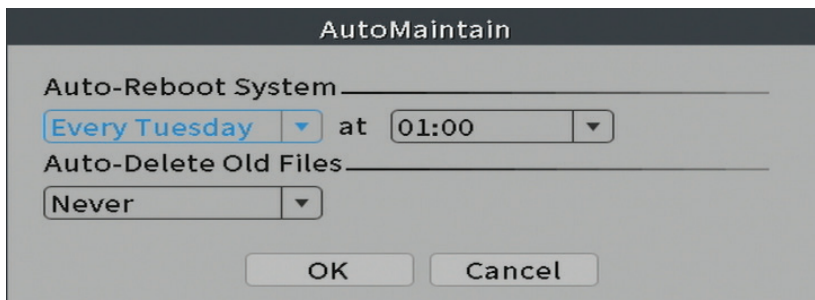
Upgrade

Włóż pamięć USB do NVR, która powinna zawierać plik aktualizacji w folderze głównym. Wybierz dysk i plik z menu NVR i kliknij przycisk Aktualizuj.



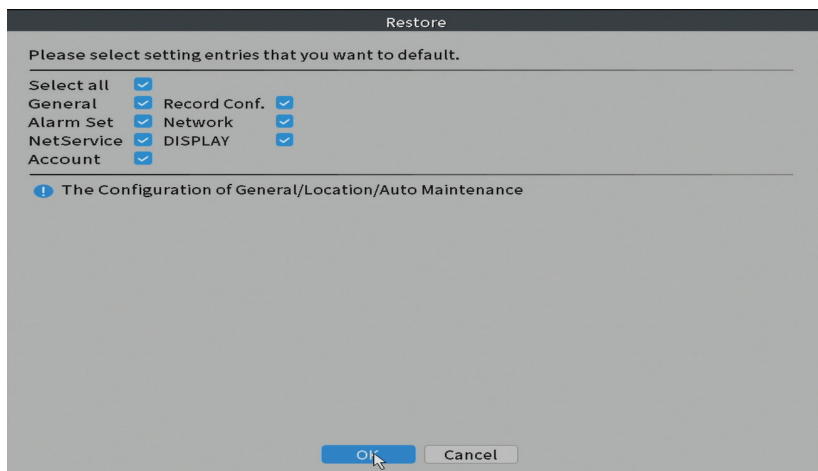
AutoMaintain (Autokonserwacja)

Ustaw system, aby uruchamiał się w określonym dniu i godzinie lub ustaw automatyczne usuwanie plików starszych niż określony okres.



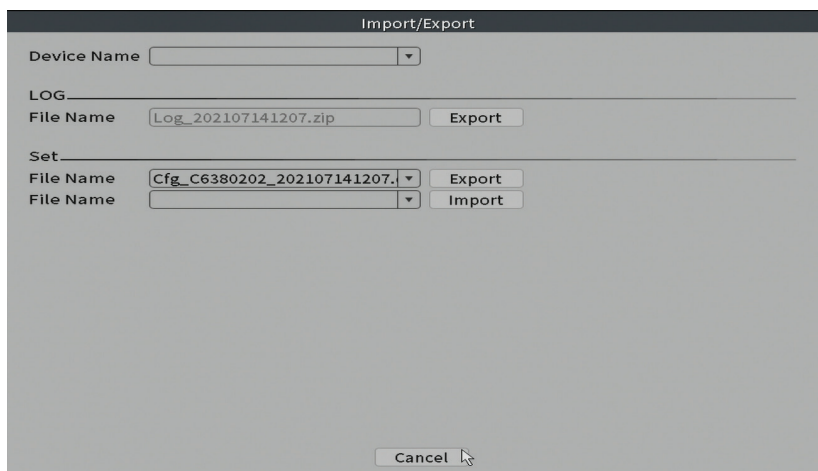
Restore (Resetowanie)

Wybierz opcję, które chcesz zresetować.



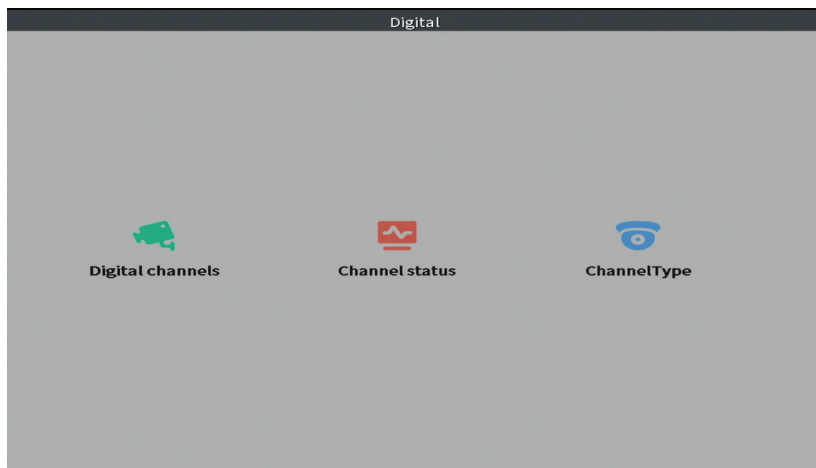
Import Eksport

Eksportuj lub importuj ustawienia systemowe.



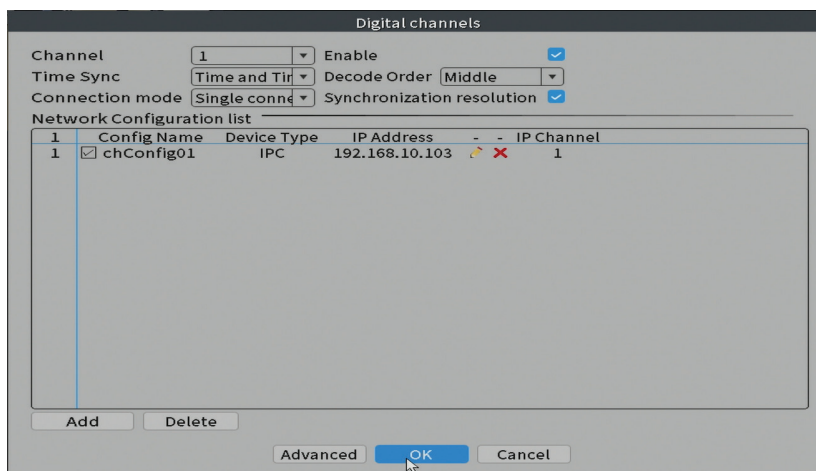
Digital (Cyfrowy)

Opcje: Digital channels, Channel status oraz Channel Type.



Kanały cyfrowe

Dodaj kamerę na określonym kanale. Kliknij przycisk Dodaj, a następnie Wyszukaj, aby znaleźć wszystkie kamery podłączone do tej samej sieci (ten sam router) z rejestratorem NVR.



Stan kanału

Wyświetla stan (podłączony, niepodłączony lub nieskonfigurowany) dla wszystkich 16 kanałów.

Channel	Stream	Mainstream/Sub-Stream	Connection Status
D01	4K	5M/800x600	Connected
D02	4K	Unknown	Offline
D03	4K	Unknown	NoConfig
D04	4K	Unknown	NoConfig
D05	4K	Unknown	NoConfig
D06	4K	Unknown	NoConfig
D07	4K	Unknown	NoConfig
D08	4K	Unknown	NoConfig
D09	4K	Unknown	NoConfig
D10	4K	Unknown	NoConfig
D11	4K	Unknown	NoConfig
D12	4K	Unknown	NoConfig
D13	4K	Unknown	NoConfig
D14	4K	Unknown	NoConfig
D15	4K	Unknown	NoConfig
D16	4K	Unknown	NoConfig

Channel type (Typ kanału)

Wyświetla maksymalną liczbę kamer i rozdzielczość kamer, które można podłączyć do systemu. Rejestrator PNI IP716 NVR obsługuje maksymalnie 16 kamer IP o maksymalnej rozdzielczości 4K.

ChannelType

IP

4K

16

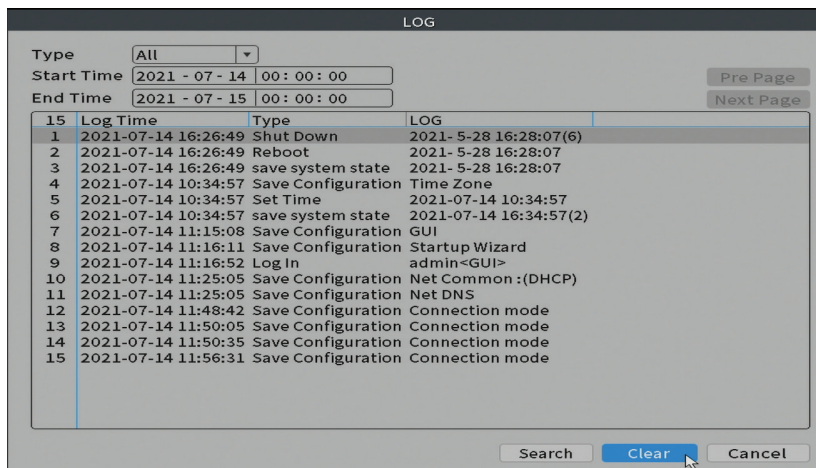
Maximum number of preview:

OK

Cancel

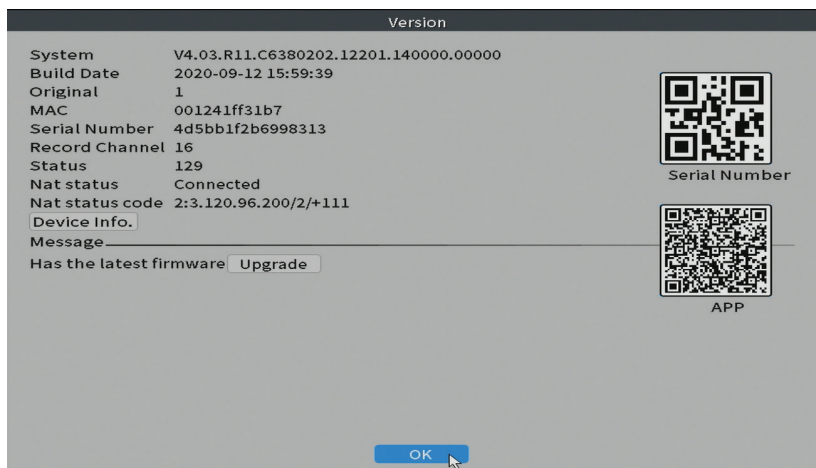
Log (Dziennik)

Wyświetla historię akcji wykonywanych w systemie.



Version (Wersja)

Wyświetla przydatne informacje o oprogramowaniu i kodzie QR wraz z numerem seryjnym systemu (przydatne do dodania go do aplikacji mobilnej) oraz kodem QR do pobrania aplikacji mobilnej.



Inne opcje menu

Kliknij prawym przyciskiem myszy na ekranie, aby wyświetlić dodatkowe opcje:

Channel Set, Record Mode, Playback, Face detection, IPC parameters, Color settings, Split menu, PTZ Control, Output adjust, NetDetect, Logout.



Zestaw kanałów

Interfejs umożliwia dodawanie i zarządzanie kamerami dodanymi do systemu.

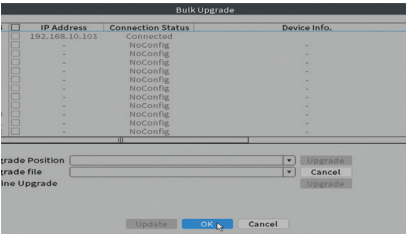
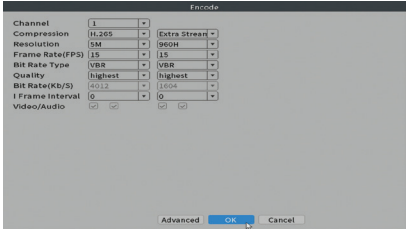
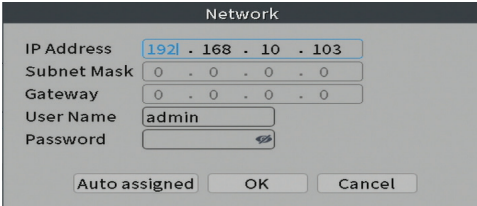
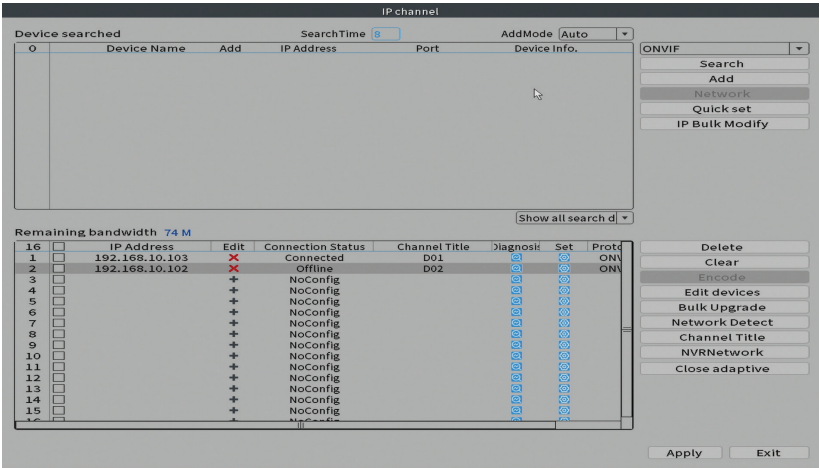
Add cameras Dodaj kamery

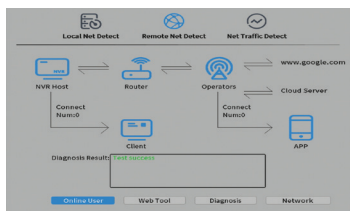
1. Wybierz protokół komunikacji między NVR a kamerami. Opcje: NETIP, ONVIF, Full Netcom.
2. **Search.** Naciśnij klawisz wyszukiwania, aby wyszukać kamery podłączone do tego samego routera (tej samej sieci), co NVR.
3. **Add.** Z listy wybierz system wybierz system i kliknij Dodaj, aby dodać do systemu.
4. **Network.** Skonfiguruj parametry sieciowe dla kamer (adres IP, brama itp.)
5. **Quick set.** Szybkie dodawanie i konfiguracja kamer.
6. **IP Bulk Modify.** Szybka zmiana IP na wiele kamer.

Interfejs kanałów

1. **Delete.** Usuń kamerę z wybranego kanału. Kliknij Zastosuj, aby uruchomić.
2. **Clear.** Usuń informacje o wybranym kanale. Kliknij Zastosuj, aby uruchomić.
3. **Encode.** Wyświetla parametry techniczne podłączonych kamer (rozdzielczość, liczba klatek na sekundę, kompresja wideo, jakość itp.).
4. **Edit devices.** Zmień IP i port dla wybranego kanału.
5. **Bulk upgrade.** Aktualizacja oprogramowania dla wybranych kamer.
6. **Network detect.** Testowanie i diagnostyka sieci i serwerów w chmurze.

- Channel title.** Zmień nazwy kamer.
- NVR Network.** Skonfiguruj parametry sieci NVR.
- Close adaptive.** Wyłącza funkcję adaptacji IP dla wybranych kamer.





This screenshot shows a network configuration window with the following settings:

- IP: 192.168.1.100
- Mask: 255.255.255.0
- Gateway: 192.168.1.1
- DNS: 192.168.1.1
- Port: 80
- Protocol: HTTP
- Quality: High
- Encryption: No limited
- Version: 2.0.1.1

Buttons at the bottom include 'Net Test', 'Go', and 'Cancel'.

This screenshot shows a 'Channel Title' window with a list of channels and their corresponding labels:

Channel	Label
Channel1	D01
Channel3	D03
Channel5	D05
Channel7	D07
Channel9	D09
Channel11	D11
Channel13	D13
Channel15	D15
Channel2	D02
Channel4	D04
Channel6	D06
Channel8	D08
Channel10	D10
Channel12	D12
Channel14	D14
Channel16	D16

Buttons at the bottom are 'OK' and 'Cancel'.

This screenshot shows a 'Close adaptive' window with a grid of numbers 1 to 16 and an 'All' button. Buttons at the bottom are 'Close adaptive' and 'Exit'.

Record mode (Tryb nagrywania)

Ustaw tryb nagrywania (ręczny lub programowany) dla każdego kanału.

This screenshot shows the 'Record Mode' window with settings for 16 channels. The 'Mode' row has buttons for 'All', '1', '2', '3', '4', '5', '6', '7', '8', '9', '10', '11', '12', '13', '14', '15', and '16'. The 'Schedule' row has buttons for 'Schedule', 'Manual', and 'Stop' for each channel. The 'Extra Stream' section has similar buttons. Buttons at the bottom are 'OK' and 'Cancel'.

Playback (Odtwarzanie nagranych dźwięków)

Skrót dostępu do interfejsu wyszukiwania i odtwarzania nagrań.

Face detection (Wykrywanie twarzy)

Interfejs jest dostępny tylko dla kamer obsługujących tę funkcję.

Color settings (Ustawienia kolorów)

Dostosuj parametry kolorów (jasność, kontrast, nasycenie itp.) dla interfejsu podglądu kamery.

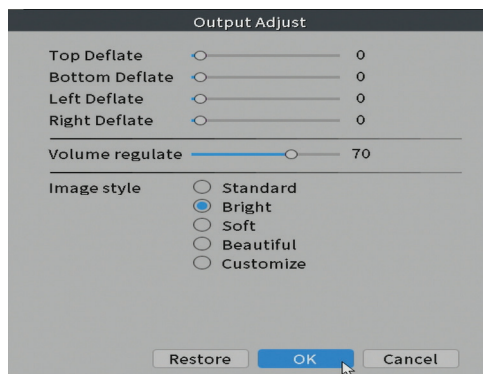


Split menu (Podzielony widok)

Select how to display the cameras on the same screen. Opcje: display 1 camera, 2, 4, 6, 8, 9 or 16 cameras simultaneously.

Output Adjust

Ustaw głośność i obraz.



Net Detect

1. Local Net Detect. Monitorowanie i diagnostyka połączenia kamery.

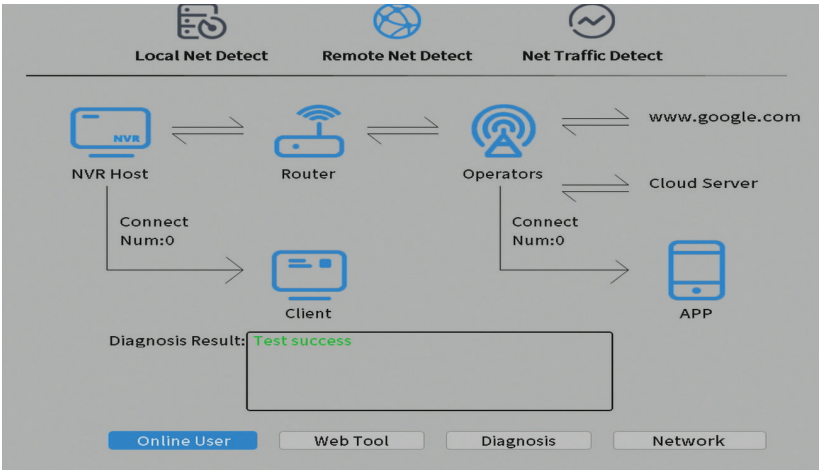
Local Net DetectRemote Net DetectNet Traffic Detect

Channel	Sender IP address	Drop-off in the past week	Diagnosis	De
☐	1192.168.10.103	0	☐	
☐	2---	---	☐	
☐	3---	---	☐	
☐	4---	---	☐	
☐	5---	---	☐	
☐	6---	---	☐	
☐	7---	---	☐	
☐	8---	---	☐	
☐	9---	---	☐	
☐	10---	---	☐	
☐	11---	---	☐	
☐	12---	---	☐	
☐	13---	---	☐	
☐	14---	---	☐	
☐	15---	---	☐	
☐	16---	---	☐	

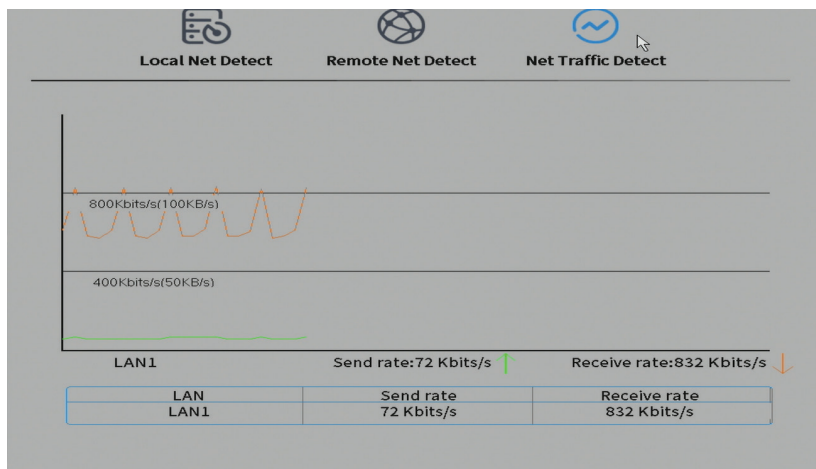
Enable☒Reset Count

5

2. Remote Net Detect. Monitorowanie, diagnostyka i konfiguracja serwerów sieciowych i Cloudr.

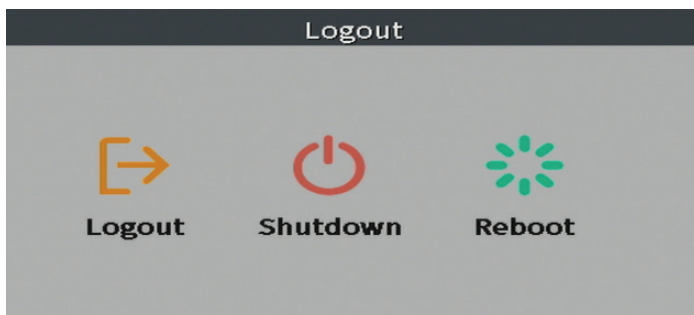


3. Net traffic Detect. Monitorowanie ruchu danych realizowanego przez NVR w sieci.



Logout

Wyloguj się, zamknij lub uruchom ponownie system.



Functii principale

- Inregistrare simultana in timp real pe mai multe canale, redare si configurare de la distanta
- Suporta maxim 16 canale cu o rezolutie maxima 4K.
- Backup pe stick USB si HDD extern.
- Suporta detectie chip si forma umana (in functie de camera)
- Posibilitate conectare difuzor extern.

Specificatii tehnice

Intrari video	16 x 4K (access bandwidth 72Mbps)
Iesiri video	1 x VGA / 1 x HDMI
Compresie video	H.265AI/H.265+(compatibil H.265/H.264)
Rezolutie de redare	Maxim 2K (2560 x 1440)
Compresie audio	G.711A
Iesire audio	1 x 3.5mm
Mod inregistrare	Manual, alarma, detectie miscare, programat
USB	2 x USB2.0
HDD	1 x HDD SATA (maxim 14Tb)
ONVIF	Da
Alimentare	12V / 2A
Dimensiuni	255 x 210 x 45 mm
Temperatura de lucru	-26°C ~ +60°C

Instructiuni de utilizare

Instalarea unitatii de stocare

Inainte de prima utilizare, va rugam sa instalati unitatea de stocare. In carcasa unitatii de inregistrare poate fi instalat un singur HDD SATA cu o capacitate maxima de 14TB (HDD-ul nu este inclus in pachet).

- Desfaceti suruburile si scoateti capacul NVR-ului
- Conectati cablurile de date si fixati hard disk-ul in suruburi

- Puneti capacul NVR-ului la loc
- Conectati la NVR cablul de alimentare si de internet

Pornirea dispozitivului

Introduceti cablul de alimentare intr-o priza 230V. NVR-ul va porni. LED-ul indicator se va aprinde. In mod implicit, vor fi afisate 16 canale pe ecran. Daca ora de pornire se incadreaza in programul presetat pentru inregistrare, atunci functia de inregistrare va porni automat.

Note.

1. *Verificati daca tensiunea de intrare corespunde cu tensiunea recomandata a dispozitivului. Tensiunea de alimentare este de $230V \pm 10\%$ / 50 Hz 2A.*
2. *Va sugeram sa folositi un dispozitiv UPS pentru a proteja dispozitivul de variatiile de tensiune.*

Oprirea dispozitivului

Sunt doua metode de oprire a dispozitivului.

1. Accesati meniul principal (click dreapta pe ecran) si selectati optiunea Logout - Shutdown (Inchidere)
2. Opriti sursa de alimentare.

Atentionari speciale:

1. **Repornirea dupa caderea tensiunii.** Daca dispozitivul este inchis anormal, acesta creeaza o copie de siguranta si reporneste de la acel status dupa revenirea alimentarii.
2. **Inlocuirea bateriei de pe placa de baza.** Inainte de inlocuirea bateriei, trebuie sa salvati setarile sistemului (vezi capitolul **Advanced-Import/Export**) si sa opriti sursa de alimentare. Ora dispozitivului trebuie reprogramata dupa inlocuirea bateriei. Va recomandam sa inlocuiti bateria in fiecare an.

Controlul de la distanta al dispozitivului.

NVR-ul poate fi controlat local sau de la distanta atat de pe smartphone cat si de pe computere cu sistem de operare Windows.

Sistem de operare	Aplicatie	Download	
Android, iOS	XMEye		
		Android	iOS
Windows	General CMS	Fisierul de instalare poate fi descarcat de pe CD-ul inclus in pachet sau din sectiunea Download de pe pagina web a produsului (www.pni.ro)	

Autentificarea in sistem

Dupa pornirea dispozitivului, autentificati-va in sistem.

Implicit, utilizatorul admin este protejat de parola **1234**. Daca parola este introdusa gresit de 5 ori la rand, contul va fi blocat. Prin repornirea dispozitivului sau dupa o jumatate de ora, contul va fi deblocat automat.

Nota: Pentru securitatea sistemului Dvs. va rugam sa modificati parola dupa prima autentificare.

Ghid rapid de configurare

Dupa pornirea dispozitivului va porni ghidul de configurare rapida.

Nota: Recomandam configurarea sistemului inainte de instalarea NVR-ului si a camerelor in locatia finala.

Pasii de urmat:

1. Setati ora, data si fusul orar.
2. In scurt timp, pe ecran va aparea un popup prin care vi se cere sa schimbati parola de autentificare in sistem. Urmati pasii de pe ecran sau apasati tasta ESC de pe NVR pentru a iesi din interfata de setare a parolei.

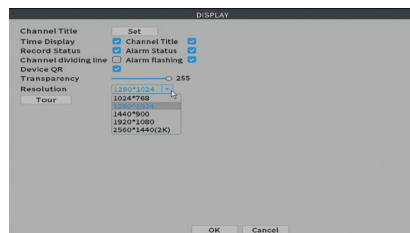
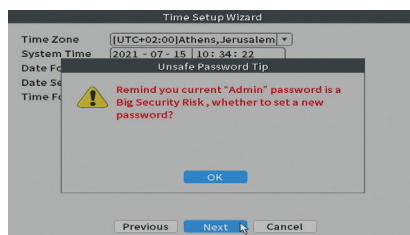
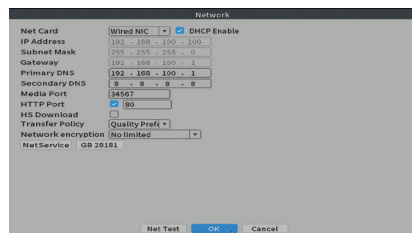
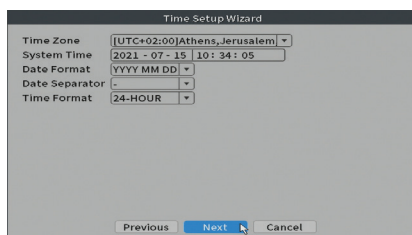
Nota: Pentru siguranta sistemului Dvs., recomandam schimbarea parolei dupa prima autentificare in sistem.

3. Setati parametrii de retea manual sau activati optiunea DHCP pentru preluarea automata a acestora.
4. Scanati codul QR de pe ecran pentru a instalata aplicatia XMEye in telefonul Dvs. mobil. Scanati codul QR cu numarul de serie pentru adaugarea sistemului in aplicatie.
5. Setati optiunile de afisare si rezolutia monitorului conectat la NVR. Rezolutie maxima suportata 2560x1440(2K).

Nota: Inainte de a modifica rezolutia, asigurati-va ca monitorul Dvs. suporta rezolutia respectiva. Daca rezolutia setata este mai mare decat rezolutia monitorului Dvs., pe monitor nu va aparea nimic si nu veti mai putea accesa meniul. Daca se intampla, totusi, acest lucru, conectati NVR-ul la un monitor cu o rezolutie mai mica, accesati meniul si schimbati rezolutia.

6. Apasati tasta OK pentru a finaliza configurarea de baza a sistemului.
7. Faceti click dreapta pe ecran si accesati optiunea **NetDetect**. Faceti click pe **Diagnose** pentru a testa configurarea retelei.

Nota: Pentru ca setarile sa aiba efect, restartati sistemul. Click dreapta pe ecran - Logout - Reboot.



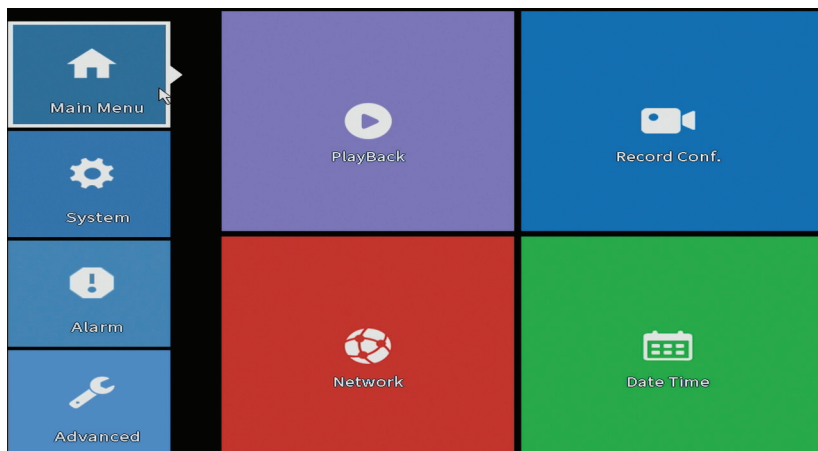
Meniul

În interfața principală de previzualizare faceți click dreapta cu mouse-ul pentru a accesa meniul.



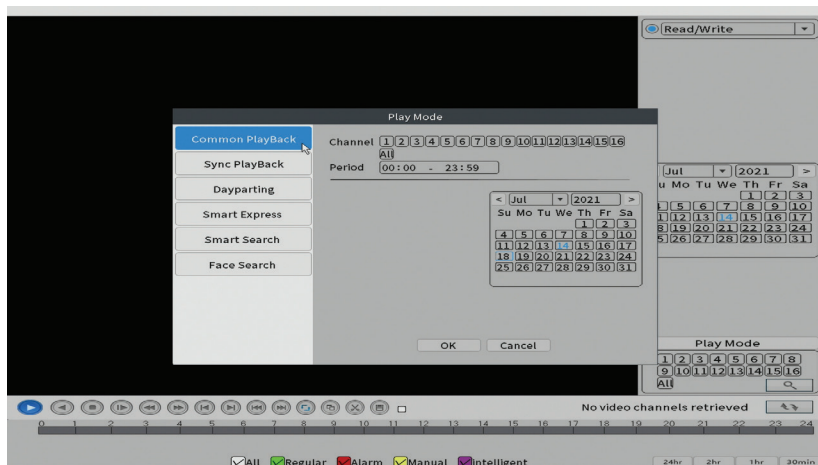
Main Menu (Meniul principal)

Opțiuni: Playback (Redare), Record Conf (Configurare înregistrări), Network (Rețea), Date Time (Setare data și ora)



Playback (Redare inregistrari)

Sistemul va ofera numeroase filtre si optiuni pentru identificarea inregistrarii dorite. Puteti cauta dupa numarul canalului, data si intervalul orar sau dupa tipul fisierului.



Record Conf. (Configurare inregistrari)

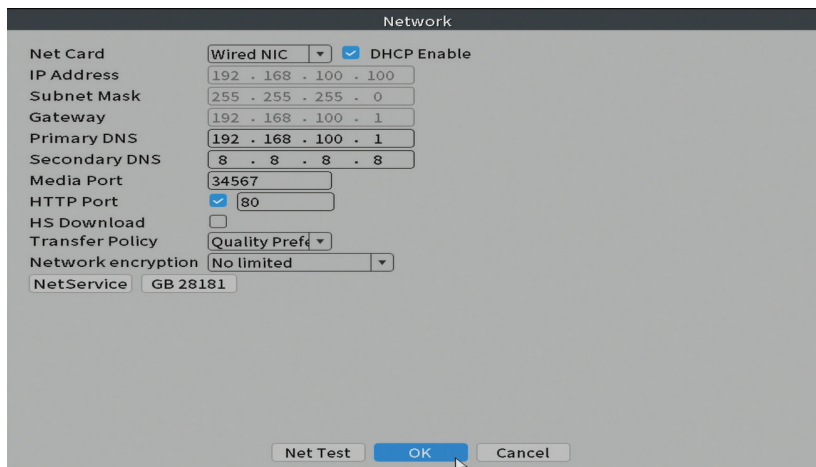
Interfata va permite urmatoarele setari: durata unui fisier de inregistrare, modul de inregistrare (programat sau manual), a perioadei (zi si interval orar) si tipul de inregistrare (inregistrare normala, la detectie miscare si la alarma).



Network (Configurari retea)

Setati manual parametrii de retea (adresa IP, gateway, DNS, port etc.) sau bifati optiunea DHCP pentru preluarea automata a parametrilor.

Nota: Pentru ca setarile sa aiba efect, restartati sistemul. Click dreapta pe ecran - Logout - Reboot.

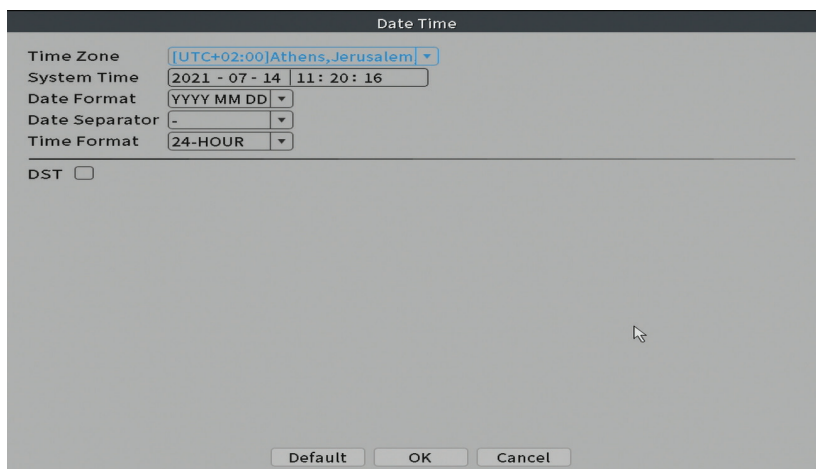


The 'Network' configuration window displays various network settings. The 'Net Card' is set to 'Wired NIC' and 'DHCP Enable' is checked. The IP Address is 192.168.100.100, Subnet Mask is 255.255.255.0, Gateway is 192.168.100.1, Primary DNS is 192.168.100.1, and Secondary DNS is 8.8.8.8. The Media Port is 34567, HTTP Port is 80, HS Download is unchecked, Transfer Policy is 'Quality Pref', Network encryption is 'No limited', and NetService is 'GB 28181'. At the bottom, there are 'Net Test', 'OK', and 'Cancel' buttons.

Parameter	Value
Net Card	Wired NIC
DHCP Enable	☒
IP Address	192 . 168 . 100 . 100
Subnet Mask	255 . 255 . 255 . 0
Gateway	192 . 168 . 100 . 1
Primary DNS	192 . 168 . 100 . 1
Secondary DNS	8 . 8 . 8 . 8
Media Port	34567
HTTP Port	☒ 80
HS Download	☐
Transfer Policy	Quality Pref
Network encryption	No limited
NetService	GB 28181

Date time (Setare data si ora)

Setati fusul orar, data, ora si formatul.

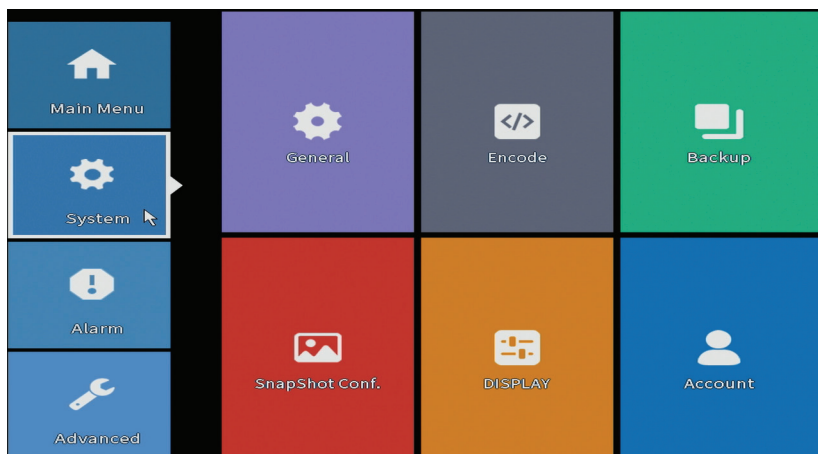


The 'Date Time' configuration window shows the Time Zone set to '[UTC+02:00]Athens,Jerusalem'. The System Time is 2021-07-14 11:20:16. The Date Format is 'YYYY MM DD', Date Separator is '-', Time Format is '24-HOUR', and DST is unchecked. At the bottom, there are 'Default', 'OK', and 'Cancel' buttons.

Parameter	Value
Time Zone	[UTC+02:00]Athens,Jerusalem
System Time	2021 - 07 - 14 11: 20: 16
Date Format	YYYY MM DD
Date Separator	-
Time Format	24-HOUR
DST	☐

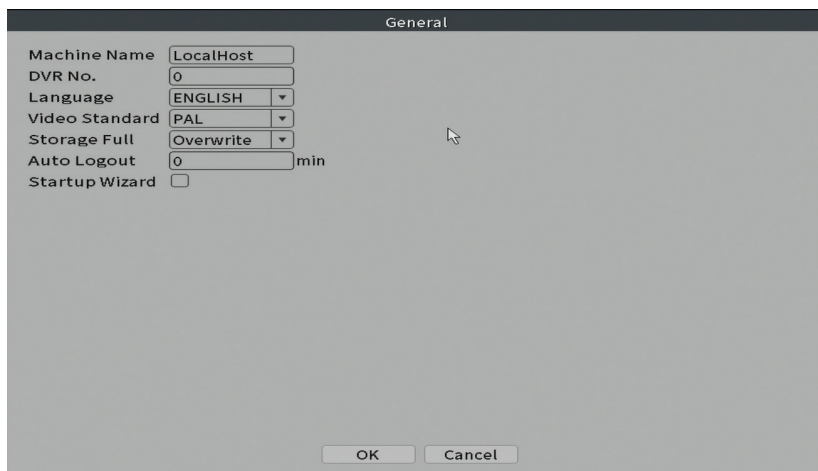
System (Sistem)

Optiuni: General, Encode, Backup, Snapshot Config. (Configurare capturi imagine), Display (Afisare), Account (Cont).



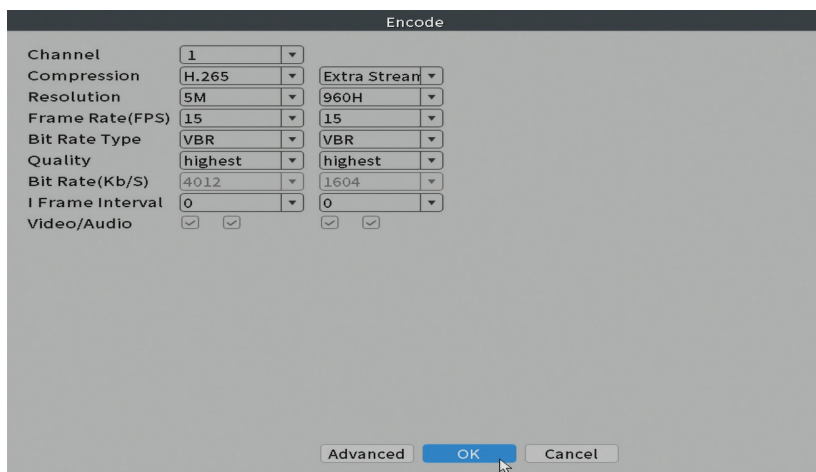
General

Interfata va permite urmatoarele setari: setarea limbii de afisare a meniului, comportamentul in caz de hard disk plin (suprascriere sau oprire inregistrare), durata unei sesiuni si activare/dezactivare ghid rapid de configurare la pornirea sistemului.



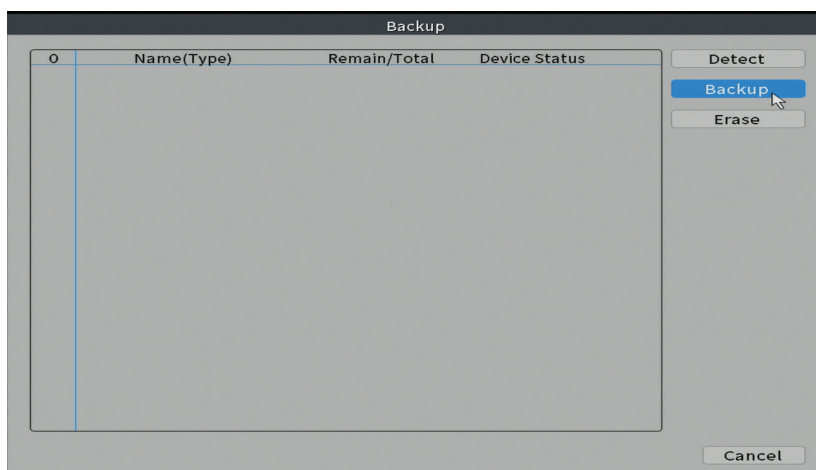
Encode

Afiseaza parametrii tehnici ai camerelor conectate (rezolutie, frame rate, compresie video, calitate etc.).



Backup (Copie de siguranta a inregistrarilor)

Memoria USB sau HDD-ul extern trebuie sa fie instalat in NVR inainte de a porni executia copiei de rezerva. Apasati butonul **Detect** pentru identificarea dispozitivului de stocare, apoi butonul **Backup** pentru executarea copiei de rezerva.



Snapshot Config (Configurare captura imagine)

Setati realizarea de capturi ciclic la un anumit interval de timp si trimiterea acestora pe email, FTP sau stocarea acestora pe hard disk.

SnapShot Conf.

Channel 1

☒ Cycle capture

☒ EMAIL 64 Sec.

☒ FTP 64 Sec.

☒ storage 64 Sec.

☐ Timing capture

0	Capture time	Delete	EMAIL	FTP	storage

☐ EMAIL ☐ FTP ☒ storage

Capture time 00 : 00 : 00 Add

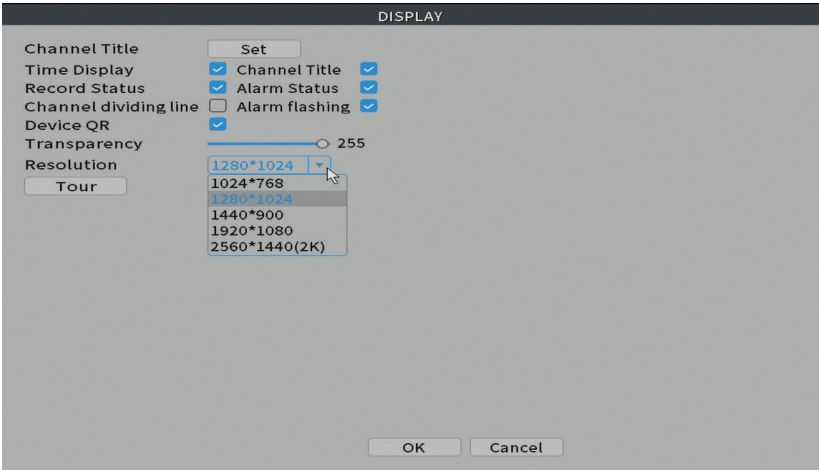
☐ Stop

OK Cancel

Display (Afisare)

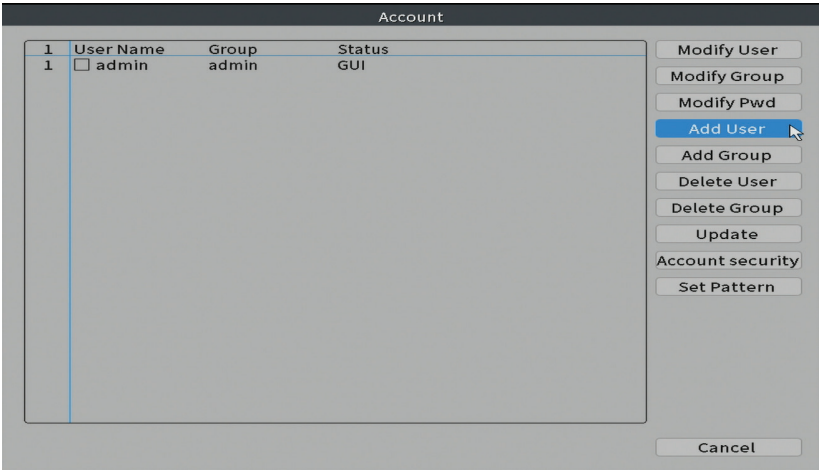
In modul de previzualizare local pot fi afisate: ora, numele canalului, statusul inregistrarii, statusul alarmei, transparenta si rezolutia de afisare.

Nota: Inainte de a modifica rezolutia, asigurati-va ca monitorul Dvs. suporta rezolutia respectiva. Daca rezolutia setata este mai mare decat rezolutia monitorului Dvs., pe monitor nu va aparea nimic si nu veti mai putea accesa meniul. Daca se intampla, totusi, acest lucru, conectati NVR-ul la un monitor cu o rezolutie mai mica, accesati meniul si schimbati rezolutia.



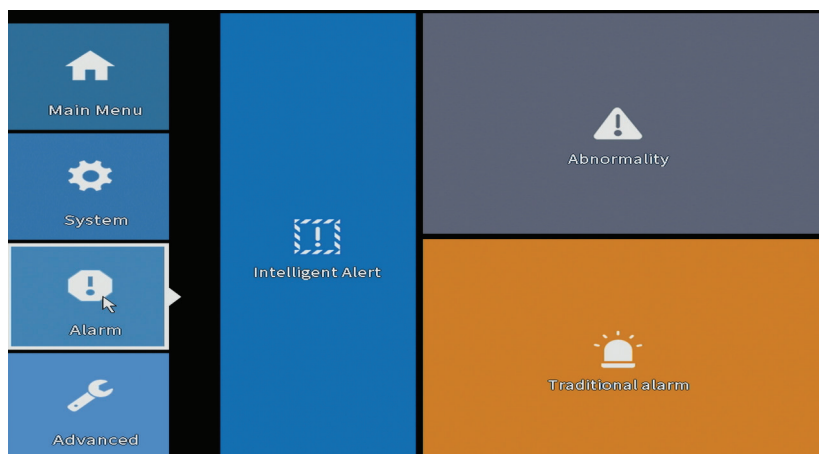
Account (Cont)

Interfata permite gestionarea utilizatorilor care au acces la sistem, adaugarea de utilizatori, modificarea drepturilor utilizatorilor, modificarea parolei, creerea de grupuri de utilizatori si setarea unui nivel de securitate a contului prin inregistrarea unor raspunsuri la anumite intrebari predefinite. In caz de resetare parola, codul de verificare poate fi trimis in aplicatia de mobil sau la adresa de email setata. Pentru cresterea gradului de securitate, puteti seta un pattern (model grafic) pentru accesul la sistem.



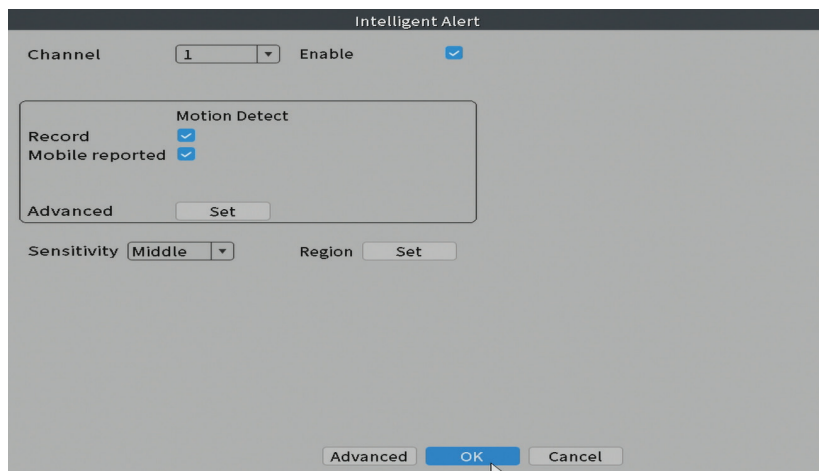
Alarm (Alarma)

Optiuni: Intelligent Alert (Alerta inteligenta), Abnormality (Comportament anormal) si Traditional alarm (Lipsa imaginea, Lipsa semnal video etc.).
Optiunile Alarm input si Intelligent nu sunt disponibile pentru acest model.



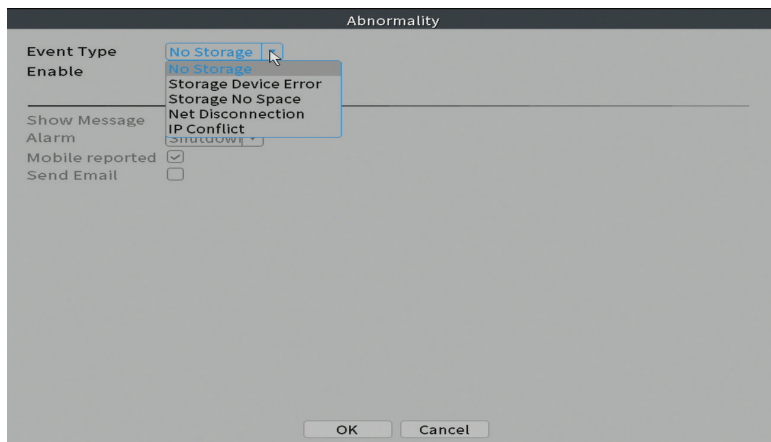
Intelligent Alert (Alerta inteligenta)

Setati comportamentul sistemului in caz de detectie miscare: inregistrare si/sau notificare in aplicatie. Setati, de asemenea, nivelul de sensibilitate la miscare si zona de actiune.



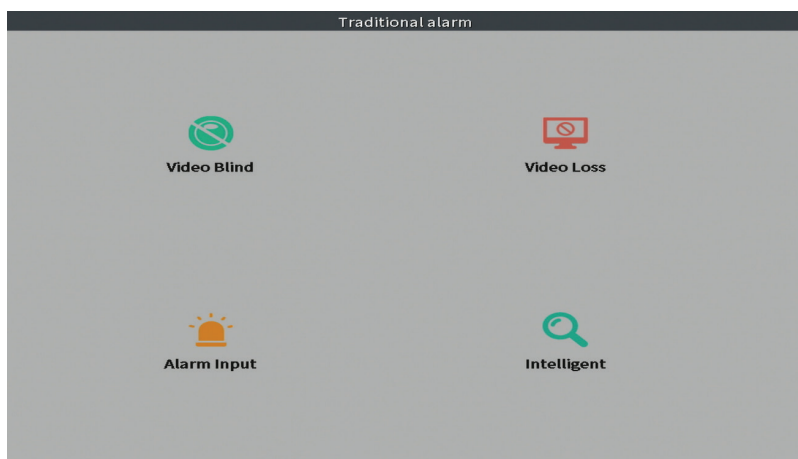
Abnormality (Comportament anormal)

Setati comportamentul sistemului in caz de: eroare dispozitiv de stocare, lipsa spatiu pe dispozitivul de stocare, lipsa conexiune la internet sau conflict IP. In astfel de situatii puteti seta trimiterea unei notificari in aplicatie sau a unui email.



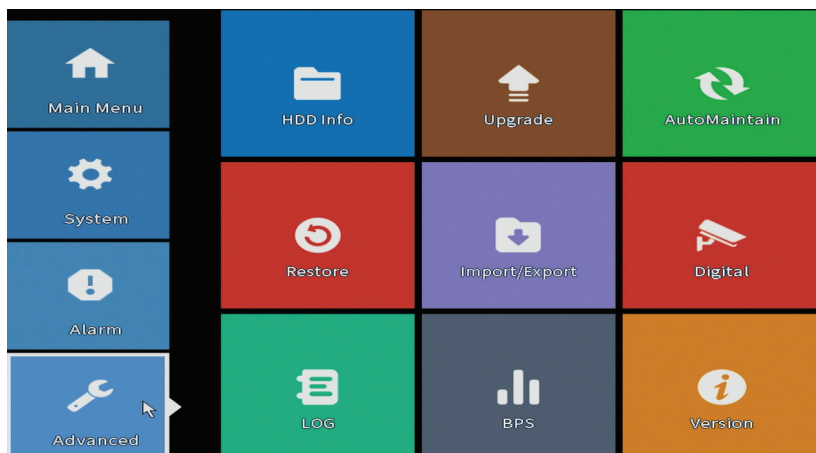
Traditional alarm (Alarma)

Setati comportamentul sistemului in caz de lipsa imagine sau lipsa semnal video. In astfel de situatii puteti seta trimiterea unei notificari in aplicatie sau a unui email, pornirea inregistrarii, efectuarea de capturi sau salvarea inregistrarii de alarma pe un server FTP.



Advanced (Setari avansate)

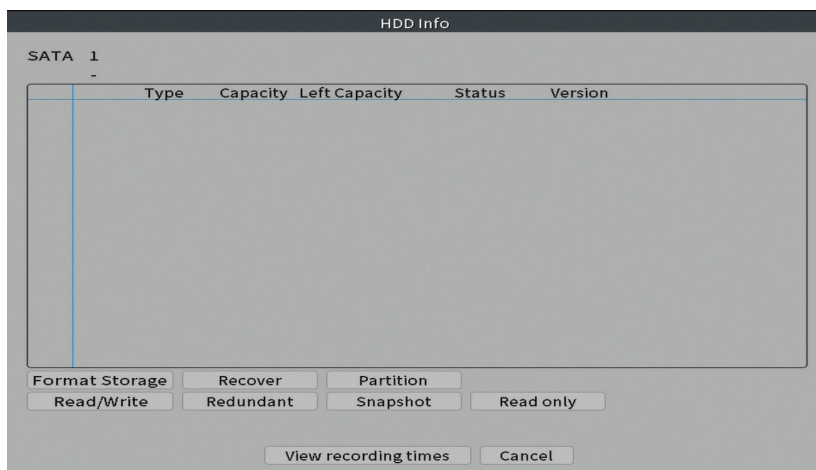
Optiuni: HDD info, Upgrade, AutoMaintain (mentenanta automata), Restore (Reset), Import/Export, Digital, LOG, BPS si Version (Versiune).



HDD info (Informatii hard disk)

Setati modul de functionare al hard disk-ului (doar citire sau citire scriere).

Nota: ca sa puteti salva inregistrarile pe hard disk, acesta trebuie sa fie setat pe modul citire/scriere.



Upgrade (Actualizare firmware)

Introduceti in NVR un stick USB care trebuie sa contina fisierul de actualizare in folderul principal (root). Selectati din meniul NVR-ului unitatea de stocare si fisierul si faceti click pe butonul **Upgrade**.

The screenshot shows the 'Upgrade' menu with the following options:

- Upgrade Position:** A dropdown menu.
- Upgrade file:** A dropdown menu with an 'Upgrade' button next to it.
- Online Upgrade:** A section header.
- Has the latest firmware:** A checkbox with an 'Upgrade' button next to it.
- ☐ Tips Latest updates
- ☒ Automatic upgrade critical updates
- ☐ Forbid remote upgrade
- Camera Upgrade:** A section header.
- A row of buttons numbered 1 through 16, followed by an 'All' button.
- Upgrade Position:** A dropdown menu with an 'Upgrade' button next to it.
- Upgrade file:** A dropdown menu with a 'Cancel' button next to it.
- Online Upgrade:** A section header with an 'Upgrade' button next to it.
- Cancel:** A button at the bottom center.

AutoMaintain (Mentenanata automata)

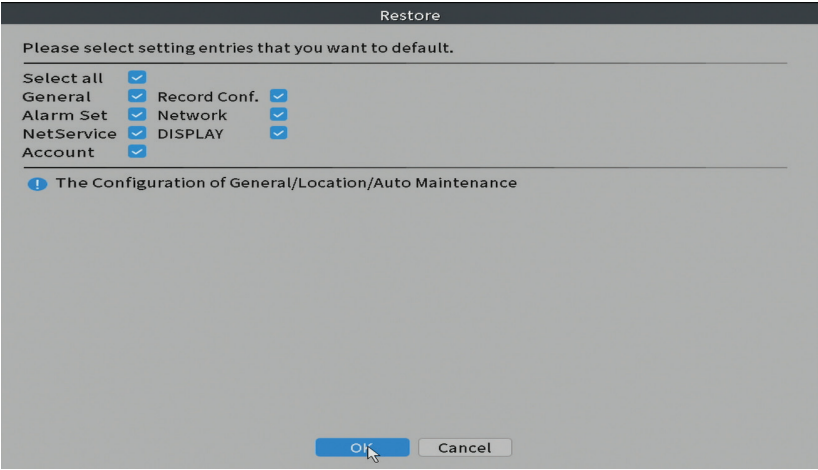
Setati repornirea sistemului intr-o anumita zi si ora sau setati stergerea automata a fisierelor mai vechi de o anumita perioada.

The screenshot shows the 'AutoMaintain' menu with the following options:

- Auto-Reboot System:** A section header.
- Every Tuesday:** A dropdown menu with a blue highlight.
- at 01:00:** A dropdown menu.
- Auto-Delete Old Files:** A section header.
- Never:** A dropdown menu.
- OK:** A button.
- Cancel:** A button.

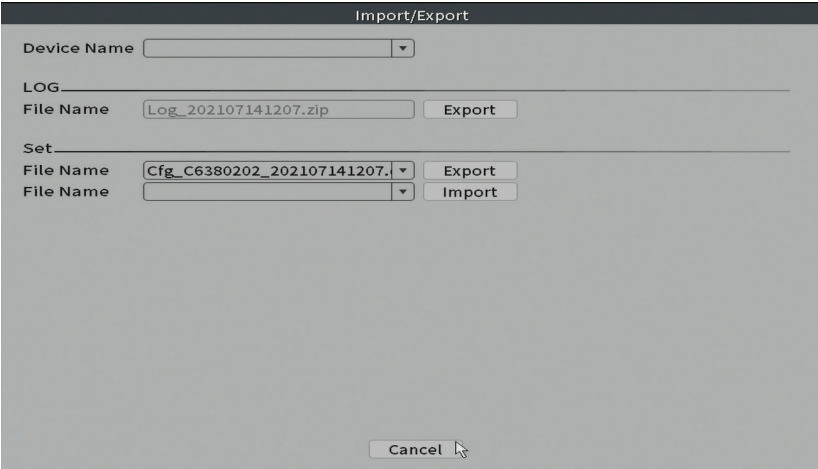
Restore (Reset - intoarcerea la setarile din fabrica)

Selectati optiunile pe care doriti sa le resetati.



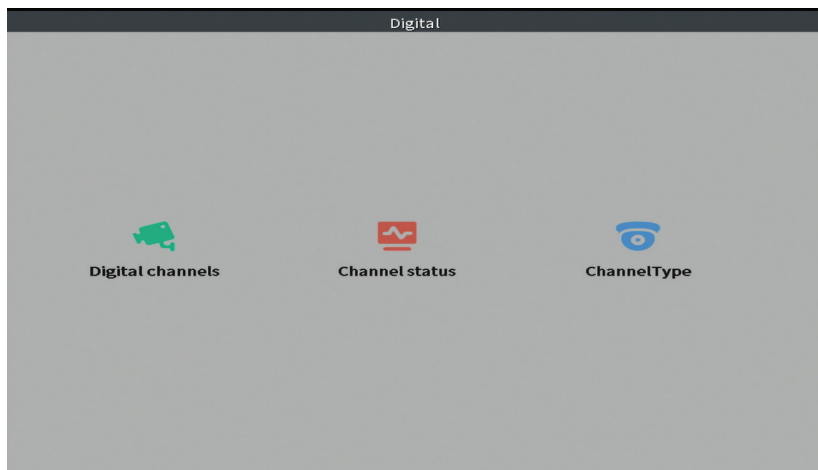
Import/Export

Exportati sau importati setarile sistemului.



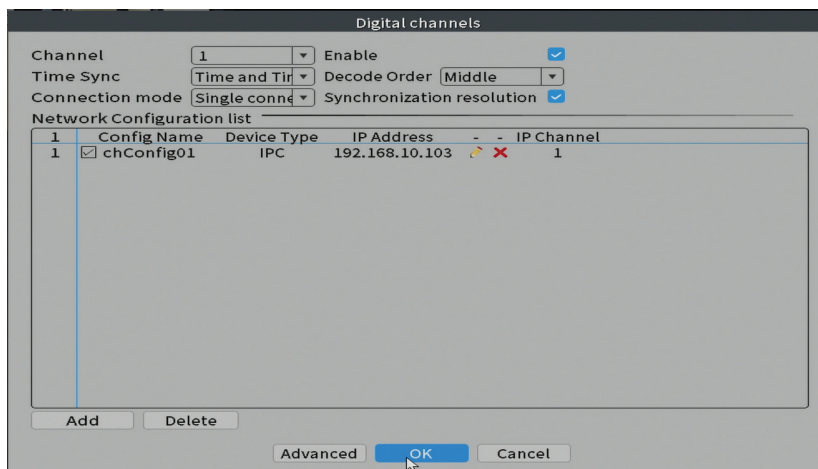
Digital

Optiuni: Digital channels (canale digitale), Channel status (status canale) si Channel Type.



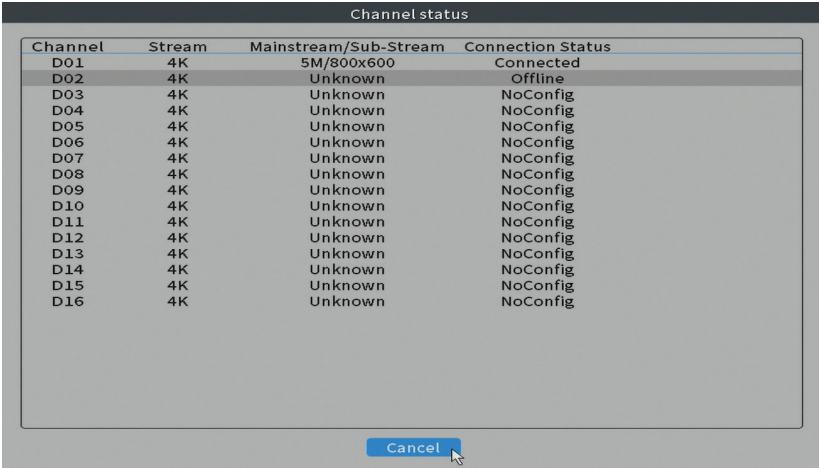
Digital channels (Canale digitale)

Adaugati o camera pe un anumit canal. Faceti click pe butonul **Add**, apoi pe **Search** pentru a gasi toate camerele conectate in aceeasi retea (acelasi router) cu NVR-ul.



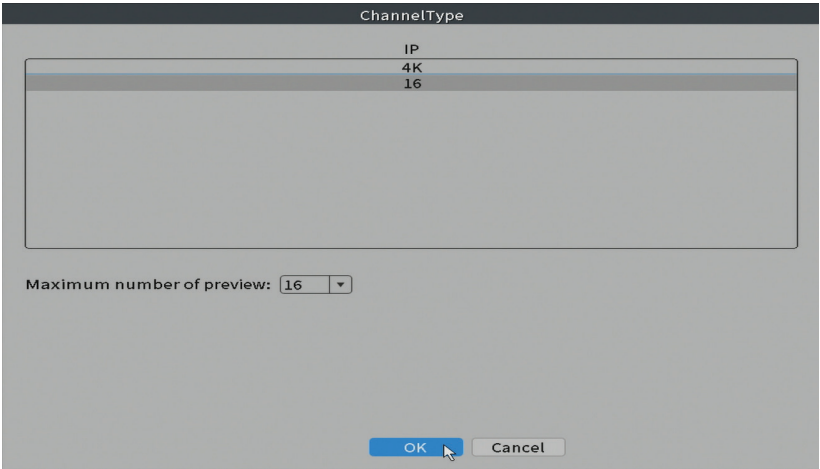
Channel status (Status canale)

Afiseaza statusul (conectat, neconectat sau neconfigurat) pentru toate cele 16 canale.



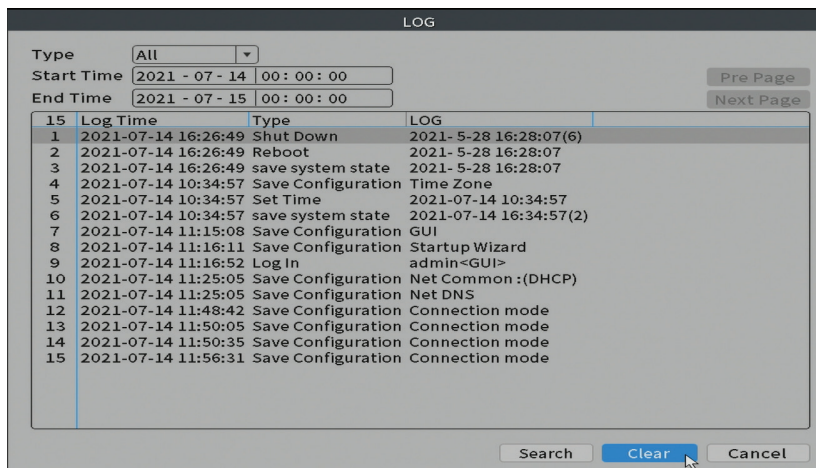
Channel type (Tip canale)

Afiseaza numarul maxim de camere si rezolutia camerelor care pot fi conectate la sistem. NVR-ul PNI IP716 suporta maxim 16 camere IP cu rezolutie maxima de 4K.



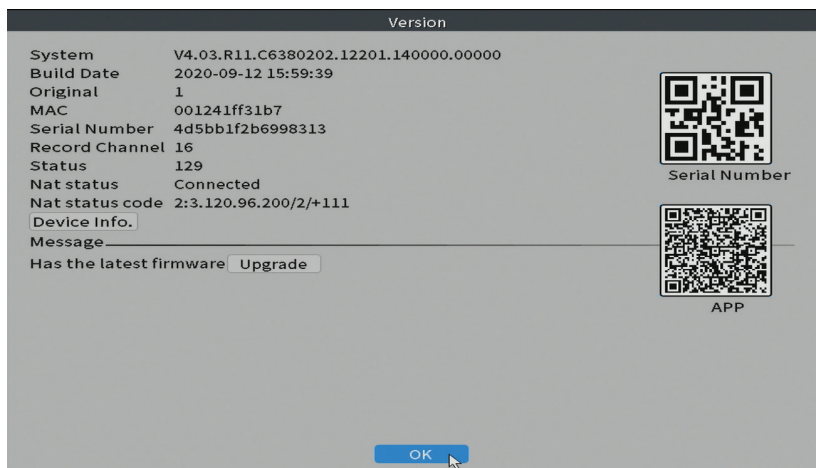
Log (Istoric evenimente)

Afiseaza istoricul actiunilor executate in sistem.



Version (Versiune software)

Afiseaza informatii utile despre firmware si cod QR cu numarul de serie al sistemului (util pentru adaugarea acestuia in aplicatia de mobil) si cod QR pentru descarcarea aplicatiei de mobil.



Alte optiuni meniu

Click dreapta pe ecran pentru a afisa optiunile suplimentare:

Channel Set, Record Mode, Playback, Face detection, IPC parameters, Color settings, Split menu, PTZ Control, Output adjust, NetDetect, Logout.



Channel set

Interfata permite adaugarea si gestionarea camerelor adaugate in sistem.

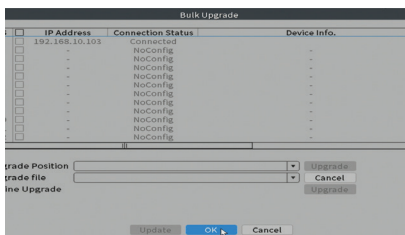
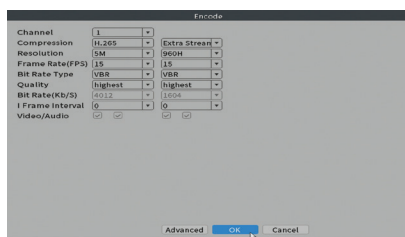
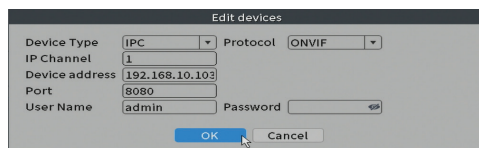
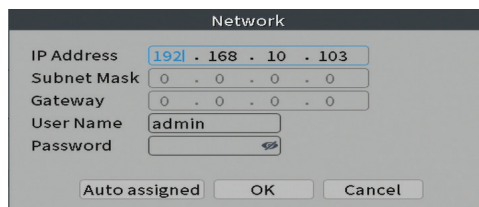
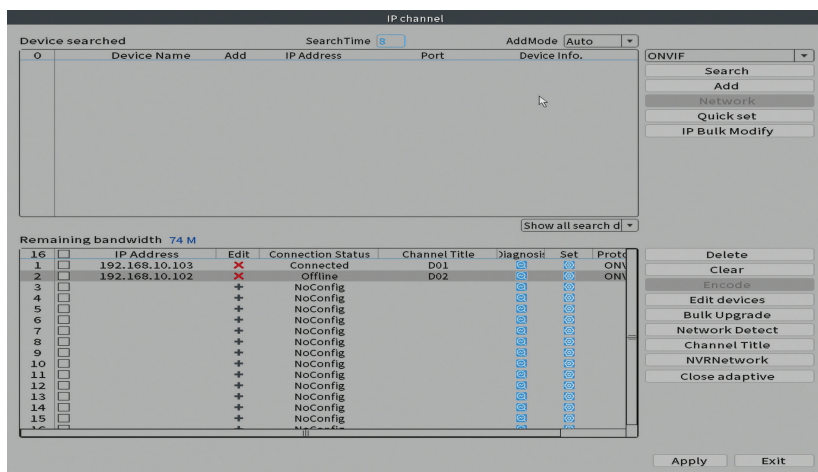
Zona adaugare camere

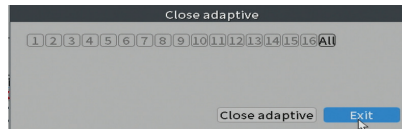
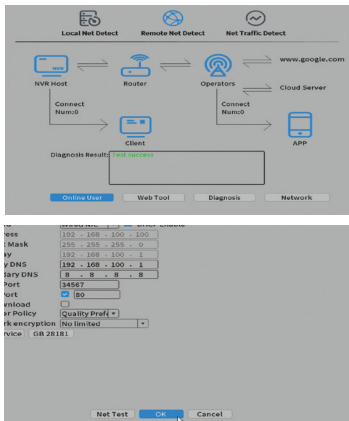
1. Selectati protocolul de comunicare intre NVR si camere. Optiuni: NETIP, ONVIF, Full Netcom.
2. **Search.** Apasati tasta Search pentru a cauta camerele conectate la acelasi router (aceeasi retea) cu NVR-ul.
3. **Add.** Din lista de camere afisate, selectati camerele dorite si dati click pe Add pentru a le adauga in sistem.
4. **Network.** Configurati parametrii de retea pentru camere (adresa IP, gateway etc.)
5. **Quick set.** Adaugare si configurare rapida a camerelor.
6. **IP Bulk Modify.** Modificare rapida a IP-ului la mai multe camere.

Zona gestionare canale

1. **Delete.** Stergeti camera de pe canalul selectat. Click Apply pentru a executa.
2. **Clear.** Stergeti informatiile de pe canalul selectat. Click Apply pentru a executa.

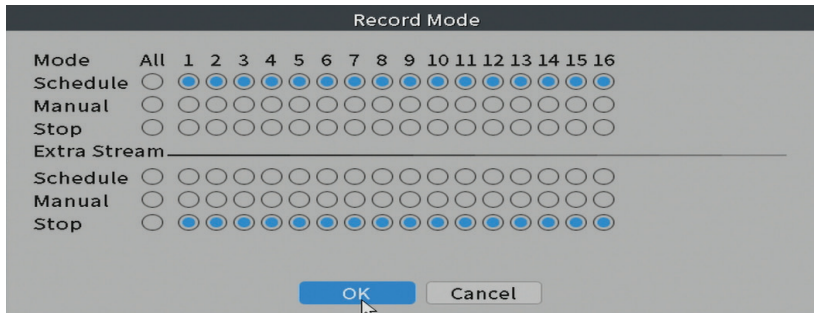
3. **Encode.** Afiseaza parametrii tehnici ai camerelor conectate (rezolutie, frame rate, compresie video, calitate etc.).
4. **Edit devices.** Schimbare IP si port pentru canalul selectat.
5. **Bulk upgrade.** Actualizare firmware pentru camerele selectate.
6. **Network detect.** Testare si diagnosticare retea si server Cloud.
7. **Channel title.** Redenumire camere.
8. **NVR Network.** Configurare parametri retea NVR.
9. **Close adaptive.** Dezactiveaza functia adaptare IP pentru camerele selectate.





Record mode (Mod inregistrare)

Setati modul de inregistrare (manual sau programat) pentru fiecare canal in parte.



Playback (Redare)

Scurtatura pentru accesarea interfetei de cautare si redare a inregistrarilor.

Face detection (Detectie chip uman)

Interfata este disponibila doar pentru camerele care suporta aceasta functie.

Color settings (Setari culoare)

Reglati parametrii de culoare (luminozitate, contrast, saturatie etc.) pentru interfata de vizualizare a camerelor.

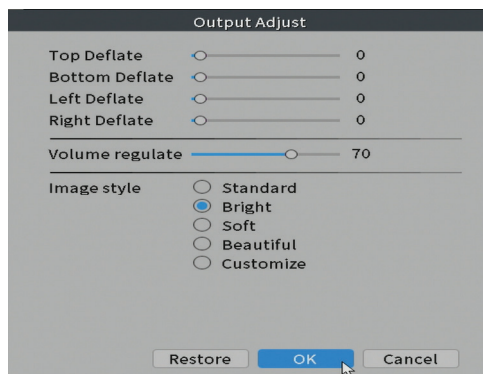


Split menu (Mod afisare canale pe ecran)

Selectati modul de afisare a camerelor pe acelasi ecran. Optiuni: afisare 1 camera, 2, 4, 6, 8, 9 sau 16 camere simultan.

Output Adjust (Reglari interfata afisare)

Setati volumul si imaginea.



Net Detect

1. Local Net Detect. Monitorizare si diagnosticare conexiune camere.

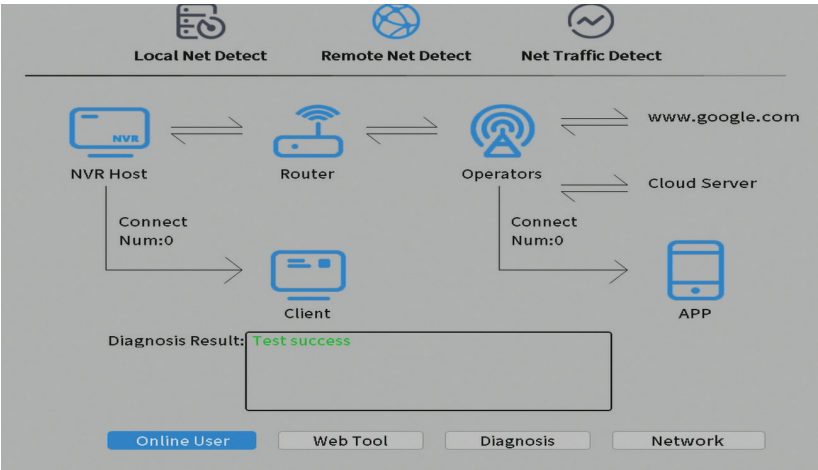
Local Net DetectRemote Net DetectNet Traffic Detect

Channel	Sender IP address	Drop-off in the past week	Diagnosis	De
1	192.168.10.103	0		
2	---	---		
3	---	---		
4	---	---		
5	---	---		
6	---	---		
7	---	---		
8	---	---		
9	---	---		
10	---	---		
11	---	---		
12	---	---		
13	---	---		
14	---	---		
15	---	---		
16	---	---		

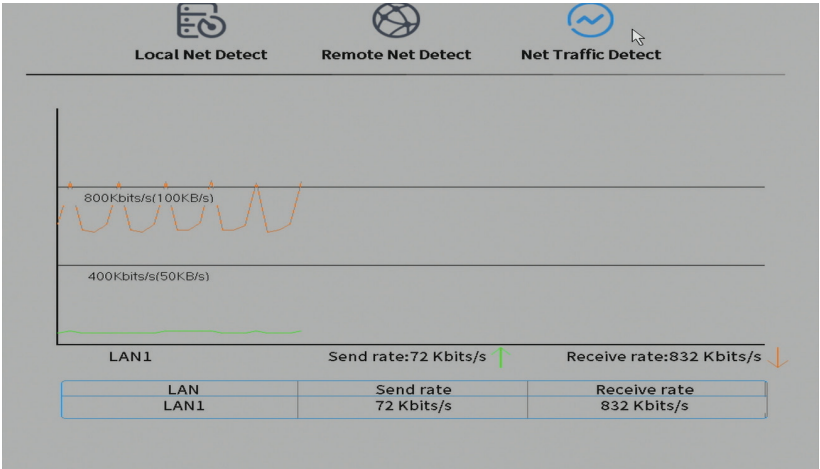
Enable ☒Reset Count

5

2. Remote Net Detect. Monitorizare, diagnosticare si configurare retea si server Cloud.

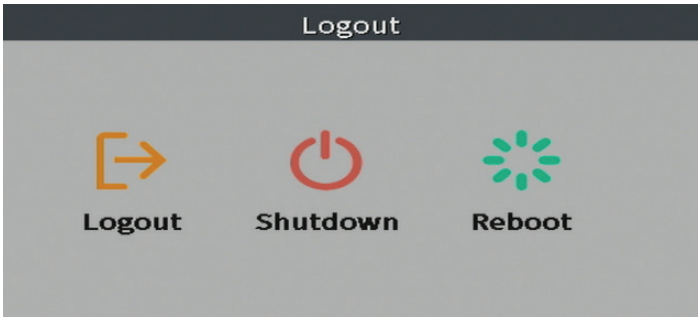


3. Net traffic Detect. Monitorizare trafic de date efectuat de NVR in retea.



Logout

lesiti din cont, inchideti sau reporniti sistemul.



EN:

EU Simplified Declaration of Conformity

SC ONLINESHOP SRL declares that **NVR PNI House IP716** complies with the Directive EMC 2014/30/EU. The full text of the EU declaration of conformity is available at the following Internet address:

<https://www.mypni.eu/products/8167/download/certifications>

BG:

Опростена декларация за съответствие на ЕС

SC ONLINESHOP SRL декларира, че **NVR PNI House IP716** спазва директивата EMC 2014/30/EU. Пълният текст на ЕС декларацията за съответствие е достъпен на следния интернет адрес:

<https://www.mypni.eu/products/8167/download/certifications>

DE:

Vereinfachte EU- Konformitätserklärung

SC ONLINESHOP SRL erklärt, dass das **NVR PNI House IP716** der Richtlinie EMC 2014/30/EU. Sie finden den ganzen Text der EU-Konformitätserklärung an der folgenden Internetadresse:

<https://www.mypni.eu/products/8167/download/certifications>

ES:

Declaración UE de conformidad simplificada

SC ONLINESHOP SRL declara que el **NVR PNI House IP716** cumple con la Directiva EMC 2014/30/EU. El texto completo de la declaración de conformidad de la UE está disponible en la siguiente dirección de Internet:

<https://www.mypni.eu/products/8167/download/certifications>

FR

Déclaration de conformité simplifiée de l'UE

SC ONLINESHOP SRL déclare que **NVR PNI House IP716** est conforme à la directive EMC 2014/30/EU. Le texte complet de la déclaration de conformité UE est disponible à l'adresse Internet suivante:

<https://www.mypni.eu/products/8167/download/certifications>

HU:

Egyszerűsített EU Megfelelési Közlemény

SC ONLINESHOP SRL kijelenti azt, hogy a **NVR PNI House IP716** megfelel az EMC 2014/30/EU. Az EU-megfelelőségi nyilatkozat teljes szövege a következő internetes címen érhető el:

<https://www.mypni.eu/products/8167/download/certifications>

IT:

Dichiarazione UE di conformità semplificata

SC ONLINESHOP SRL dichiara che il **NVR PNI House IP716** è conforme alla direttiva EMC 2014/30/UE. Il testo completo della dichiarazione di conformità europea è disponibile al seguente indirizzo Internet:

<https://www.mypni.eu/products/8167/download/certifications>

NL:

Vereenvoudigde EU-conformiteitsverklaring

SC ONLINESHOP SRL verklaart dat **NVR PNI House IP716** voldoet aan de richtlijn EMC 2014/30/EU. De volledige tekst van de EU-conformiteitsverklaring is beschikbaar op het volgende internetadres:

<https://www.mypni.eu/products/8167/download/certifications>

PL:

Uproszczona deklaracja zgodności UE

SC ONLINESHOP SRL oświadcza, że **NVR PNI House IP716** jest zgodny z dyrektywą EMC 2014/30/EU. Pełny tekst deklaracji zgodności UE dostępny jest pod następującym adresem internetowym:

<https://www.mypni.eu/products/8167/download/certifications>

RO

Declaratie UE de conformitate simplificata

SC ONLINESHOP SRL declara ca **NVR PNI House IP716** este in conformitate cu Directiva EMC 2014/30/EU. Textul integral al declaratiei UE de conformitate este disponibil la urmatoarea adresa de internet:

<https://www.mypni.eu/products/8167/download/certifications>

