



## NVR POE

# PNI House IP710J /IP716J

4 POE + 6 IP channels POE NVR / 4 POE + 6 IP канала POE NVR / 4  
POE + 6 IP-Kanäle POE NVR / NVR POE de 4 canales POE + 6 IP / 4  
POE + 6 canaux IP POE NVR / 4 POE + 6 IP csatorna POE NVR / NVR  
POE 4 POE + 6 canali IP / 4 POE + 6 IP-kanalen POE NVR / 4 POE + 6  
kanałów IP POE NVR / NVR POE cu4 canale POE + 6 IP



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## Main functions

- Simultaneous real-time multi-channel recording, remote playback and configuration
- Supports up to 10 channels (IP710J) / 16 channels (IP716J) with a maximum 4K (8MP) resolution.
- Backup on USB flash memory and external HDD.
- Supports face, human and car shape detection (depending on the camera)
- Possibility to connect external speaker.

## Technical specifications

NVR		
	PNI House IP710J	PNI House IP716J
Video inputs	4 x RJ45 POE	8xRJ45POE
Video output	1 x VGA / 1 x HDMI	
Audio output	1 x 3.5mm	
Number of channels	10 x max. 4K (8MP)	16 x max. 4K (8MP)
Playback resolution	Max. 4K (3840 x 2160) on HDMI output Max. 1080P (1920 x 1080) on VGA output	
Ethernet	1 x RJ45 100/100Mbps	
Video compression	H.265AI/H.265+	
Audio compression	G.711A	
Recording mode	Manual, alarm, motion detection, programmed	
USB	2 x USB2.0	
HDD	1 x HDD SATA (max. 14Tb)	
ONVIF	Yes	
Power voltage	48V / 1.5A	
Dimensions	255 x 215 x 43 mm	
Operating temperature	-26°C ~ +80°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.

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 ± 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.

Applications: XMEye (Android, iOS), General CMS (Windows)

## System authentication

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

By default system will ask you to configure a security password for the admin user. In normal usage 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.

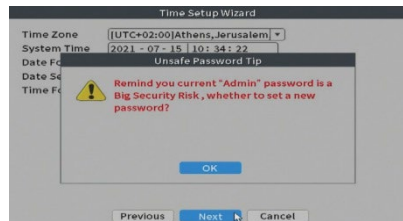
*Note: For the security of your system, we recommend changing the password after the first login in the system.*

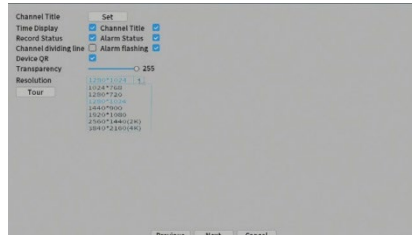
3. Set the network parameters manually or activate the DHCP option for automatic download.
4. Scan the QR code on the screen to install the XMEye application on your mobile phone. Scan the QR code with the serial number to add the system to the application.
5. Set the display options and resolution of the monitor connected to the NVR. Maximum supported resolution 4K (3840 x 2160).

*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.

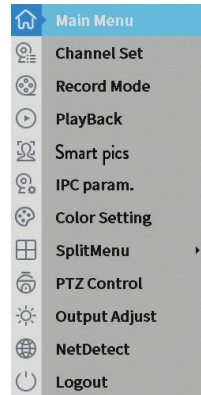
*Note: For the settings to take effect, restart the system. Right click on the screen - Logout - Reboot.*





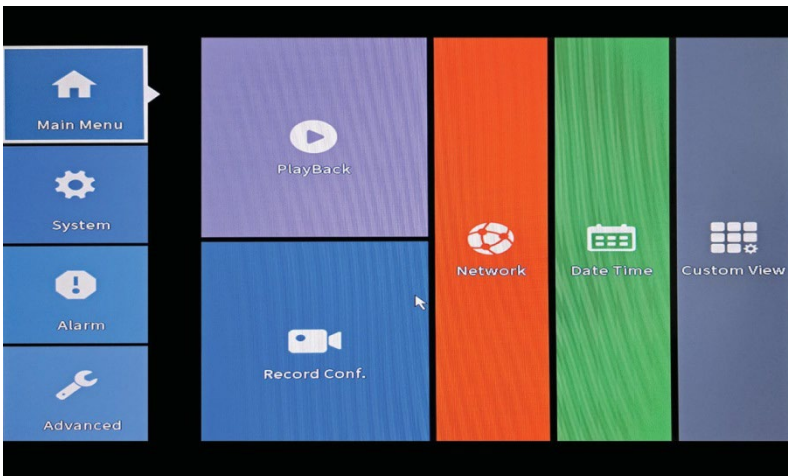
## The menu

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



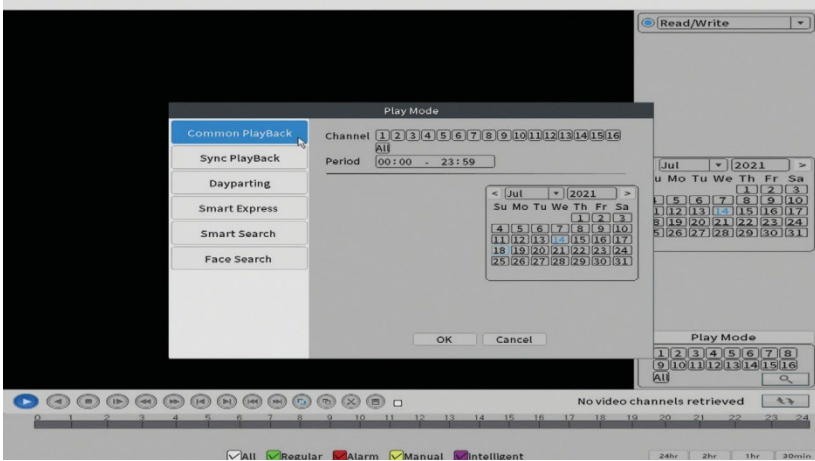
## Main Menu

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



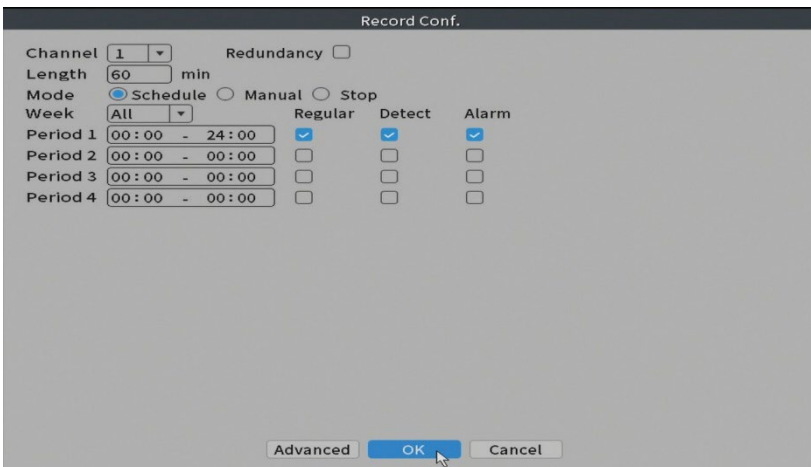
## Playback

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).

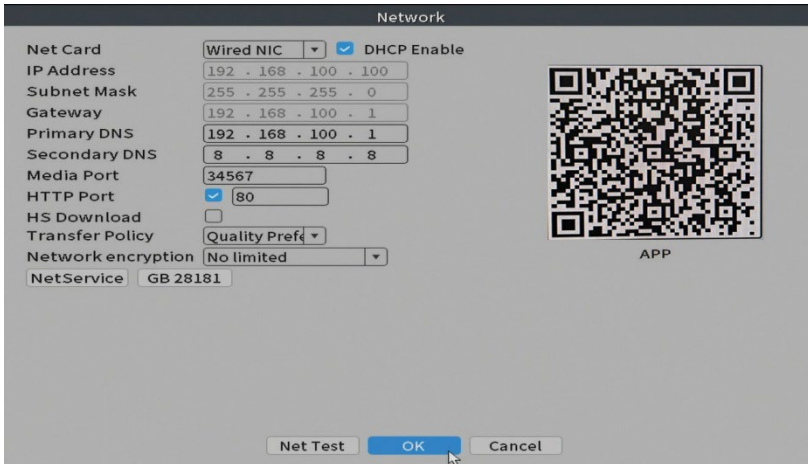




## Network

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.*



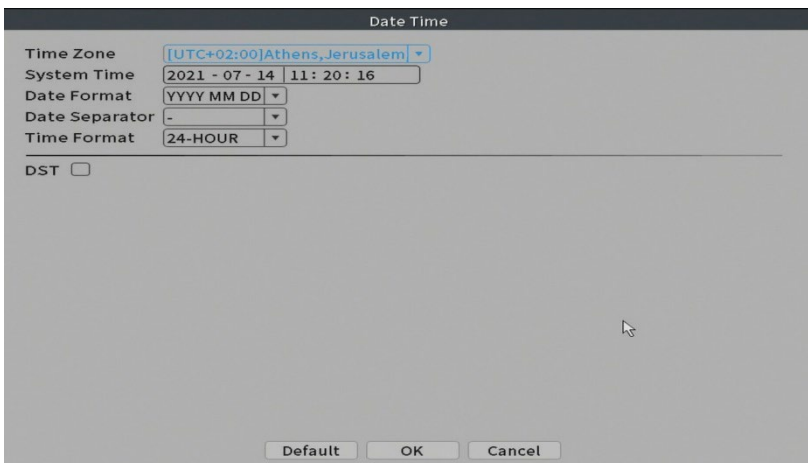
The image shows a 'Network' configuration window. It contains several fields for network settings:

- Net Card: Wired NIC (dropdown)
- 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 (dropdown)
- Network encryption: No limited (dropdown)
- NetService: GB 28181

At the bottom, there are three buttons: 'Net Test', 'OK', and 'Cancel'. A mouse cursor is pointing at the 'OK' button. On the right side of the window, there is a QR code labeled 'APP'.

## Date time

Set the time zone, date, time and format.



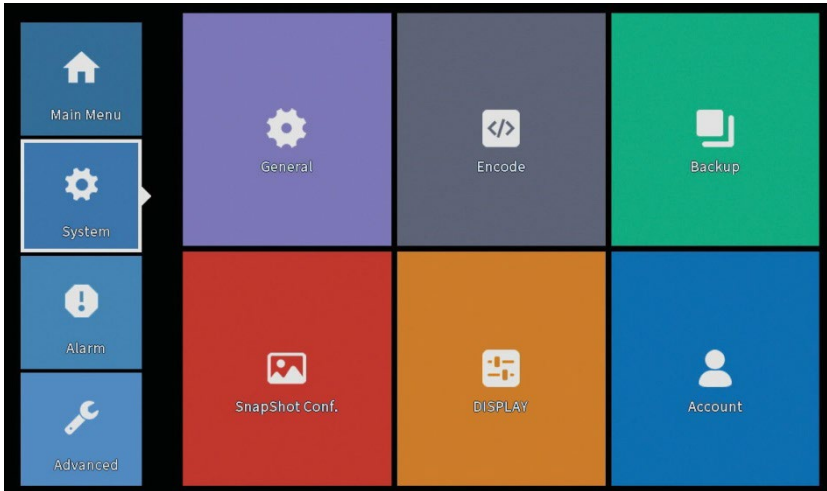
The image shows a 'Date Time' configuration window. It contains several fields for date and time settings:

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

At the bottom, there are three buttons: 'Default', 'OK', and 'Cancel'. A mouse cursor is visible in the lower right area of the window.

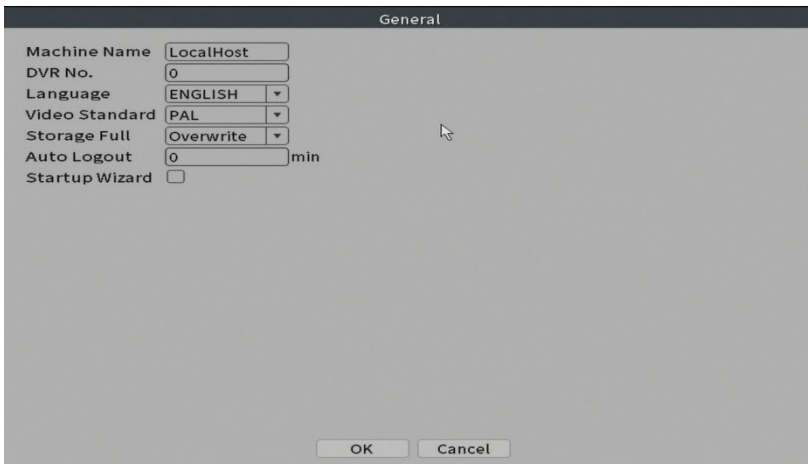
# System

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



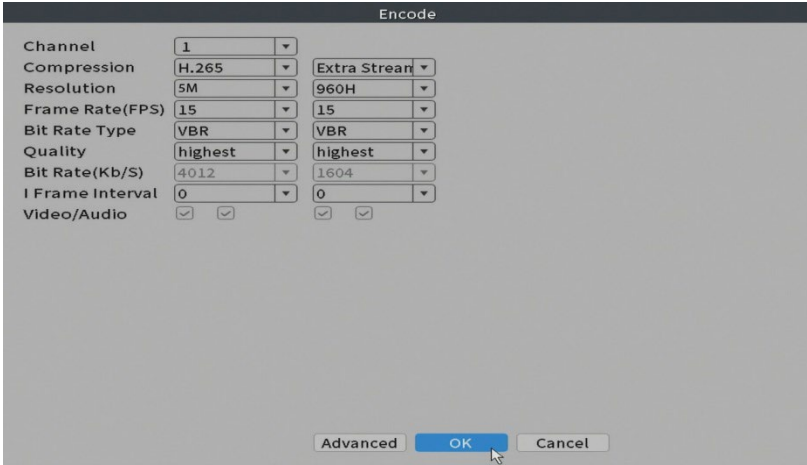
## General

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.



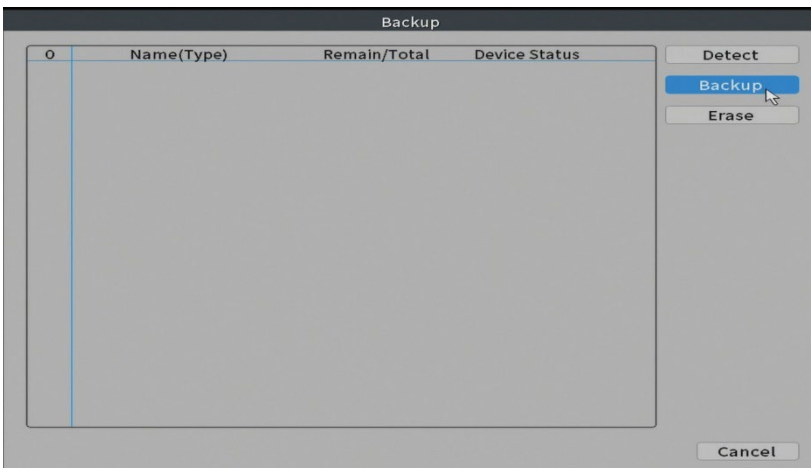
## Encode

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



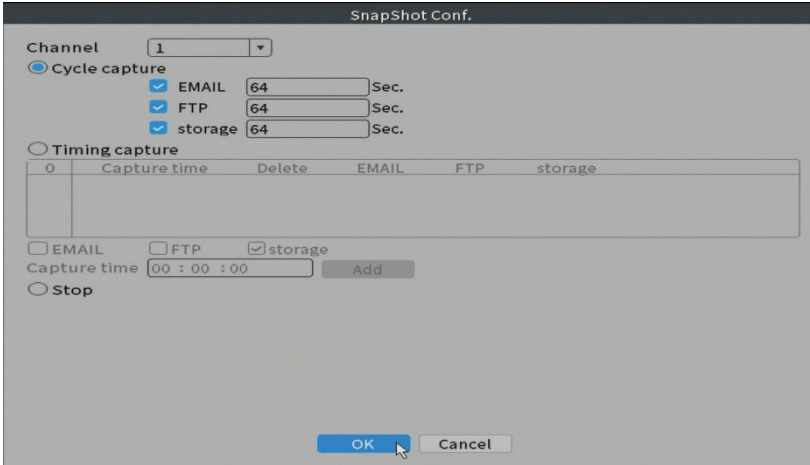
## Backup

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

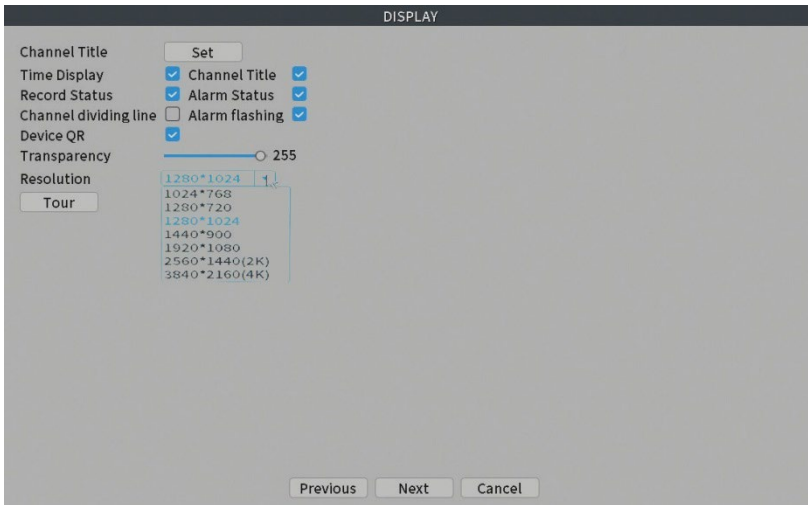
Set to take cyclic captures at a certain time and send them by email, FTP or store them on your hard disk.



# Display

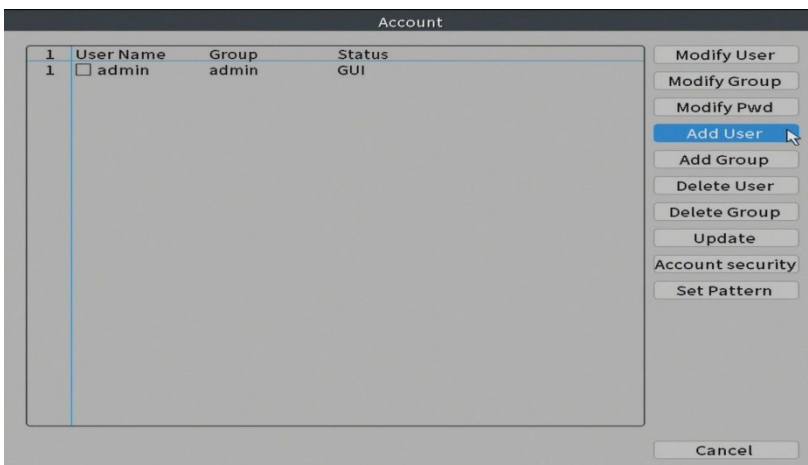
In the local preview mode can be displayed: time, channel name, recording status, alarm status, transparency and display resolution.

*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.*



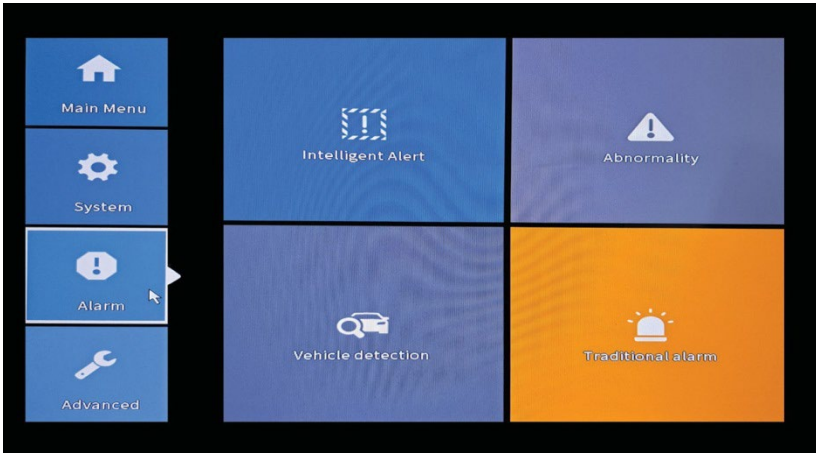
## Account

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.



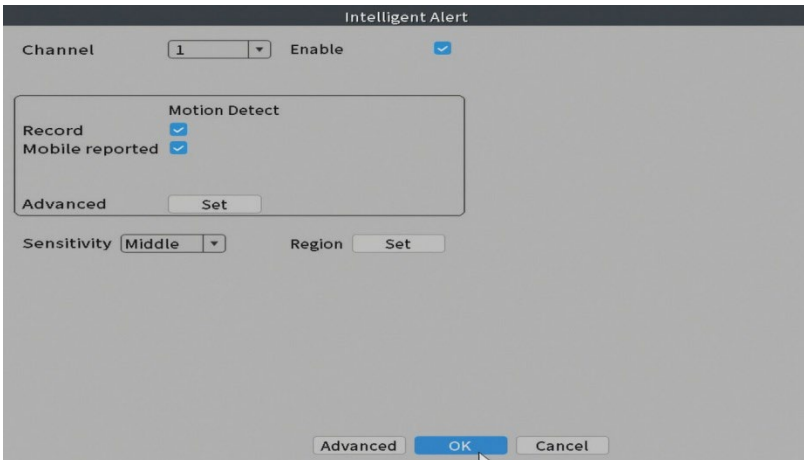
# Alarm

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



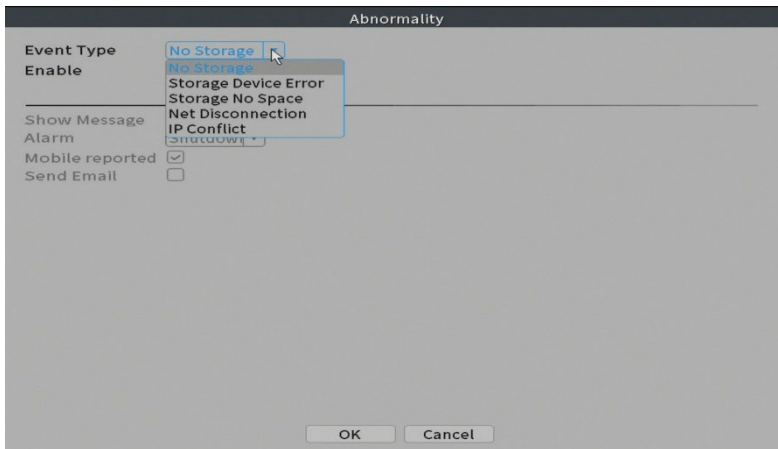
## IntelligentAlert

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.



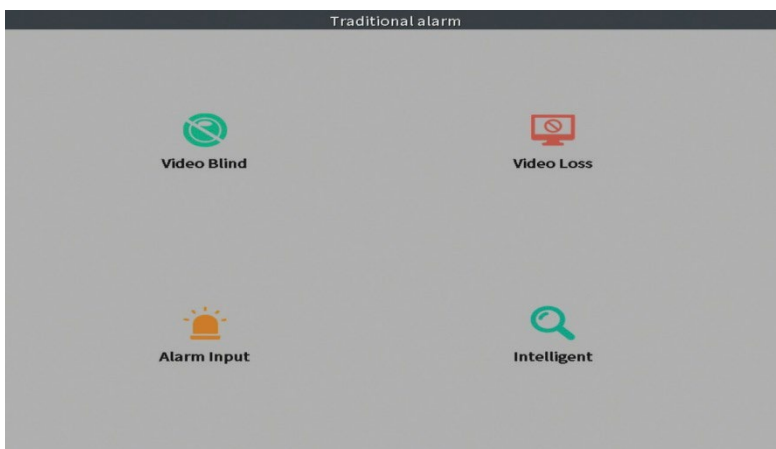
## Abnormality

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.



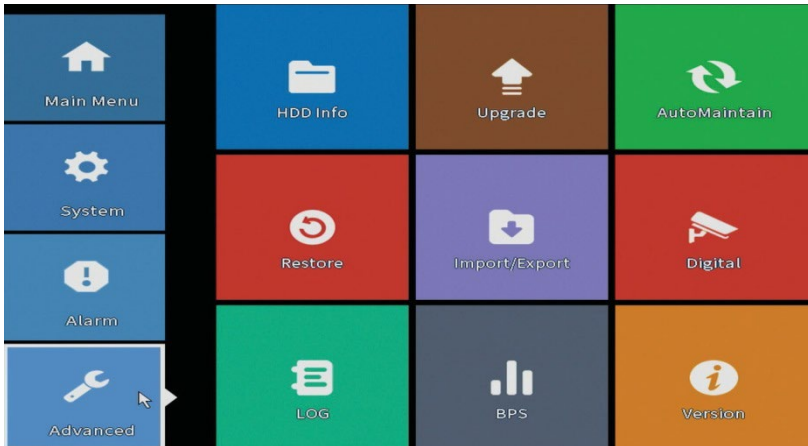
## Traditional alarm

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

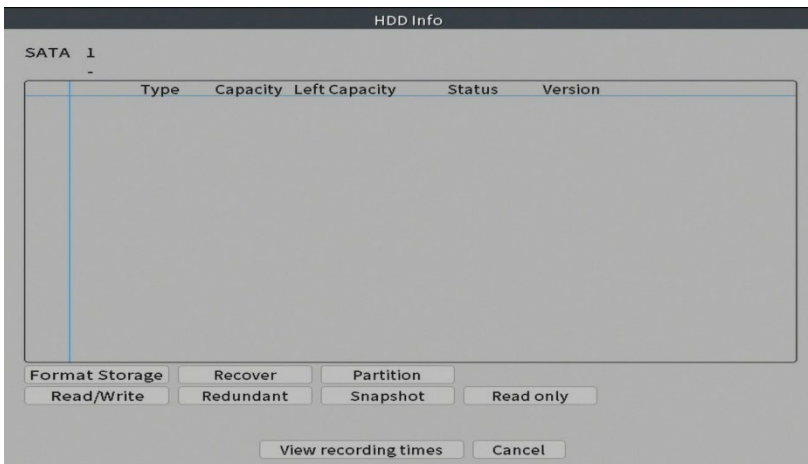
Options: HDD info, Upgrade, AutoMaintain, Restore, Import / Export, Digital, LOG, BPS and Version.



## HDD info

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

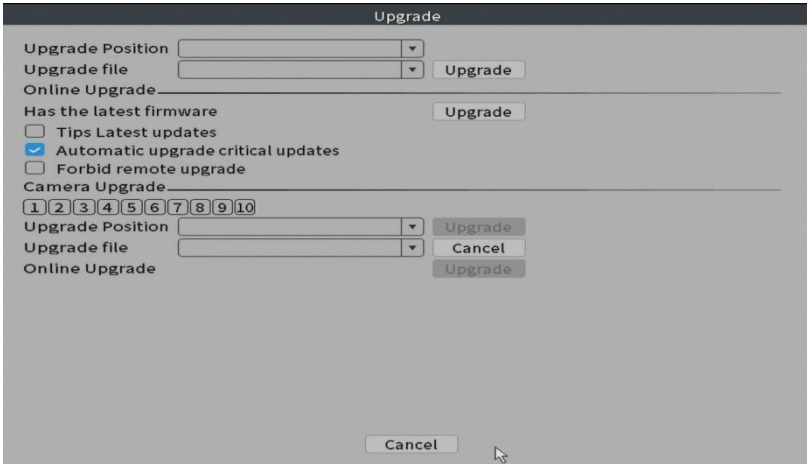
*Note: In order to save recordings to the hard disk, it must be set to read / write mode.*





## 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.

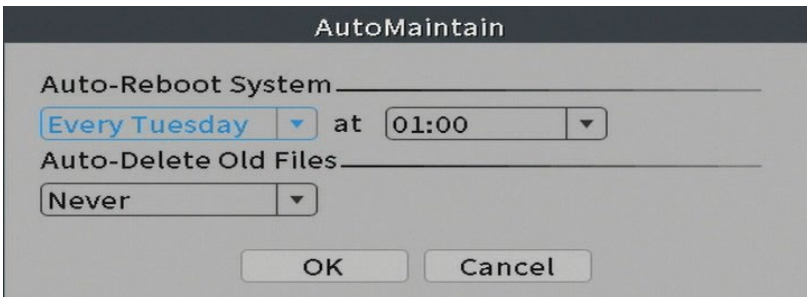


The screenshot shows a dialog box titled "Upgrade" with the following elements:

- Upgrade Position:** A dropdown menu.
- Upgrade file:** A dropdown menu with an "Upgrade" button to its right.
- Online Upgrade:** A section header.
- Has the latest firmware:** A checkbox with an "Upgrade" button to its right.
- Options:** Three checkboxes: "Tips Latest updates" (unchecked), "Automatic upgrade critical updates" (checked), and "Forbid remote upgrade" (unchecked).
- Camera Upgrade:** A section header.
- Navigation:** A row of buttons numbered 1 through 10.
- Upgrade Position:** A dropdown menu with an "Upgrade" button to its right.
- Upgrade file:** A dropdown menu with "Cancel" and "Upgrade" buttons to its right.
- Online Upgrade:** A button.
- Cancel:** A button at the bottom center.

## AutoMaintain

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

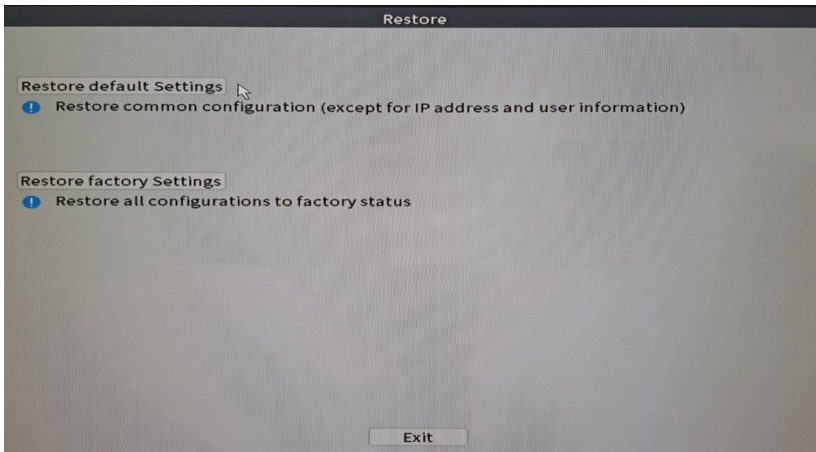


The screenshot shows a dialog box titled "AutoMaintain" with the following elements:

- Auto-Reboot System:** A section header.
- Day:** A dropdown menu showing "Every Tuesday".
- Time:** A dropdown menu showing "01:00".
- Auto-Delete Old Files:** A section header.
- Frequency:** A dropdown menu showing "Never".
- Buttons:** "OK" and "Cancel" buttons at the bottom.

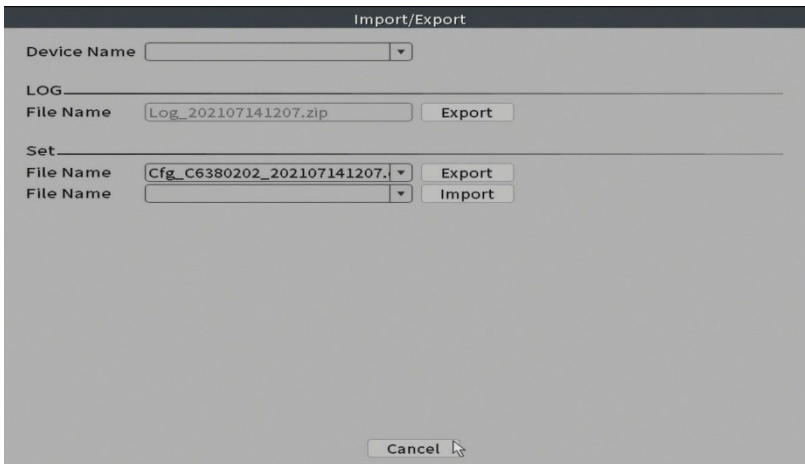
## Restore

Select the options you want to reset.



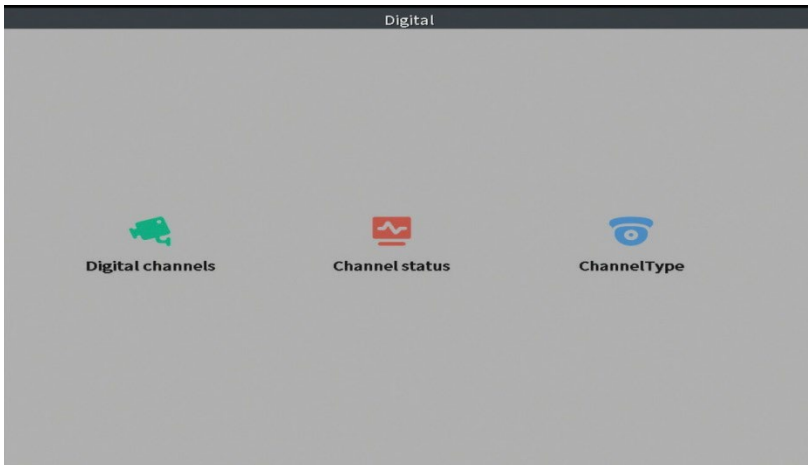
## Import/Export

Export or import system settings.



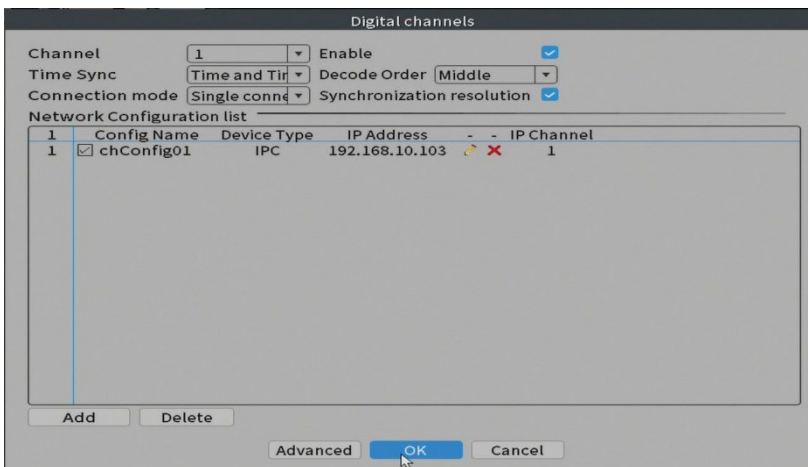
## Digital

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 10 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

Cancel

## Channel type

Displays the maximum number of cameras and the resolution of the cameras that can be connected to the system. The PNI IPMAX POE 5 NVR supports a maximum of 10 IP cameras with a maximum resolution of 4K (8MP).

ChannelType
IP
4K
10

Maximum number of preview:

OK Cancel

## Log

Displays the history of actions performed in the system.

LOG

Type:  Pre Page

Start Time:  Next Page

End Time:

15	Log Time	Type	LOG
1	2021-07-14 16:26:49	Shut Down	2021-5-28 16:28:07(6)
2	2021-07-14 16:26:49	Reboot	2021-5-28 16:28:07
3	2021-07-14 16:26:49	save system state	2021-5-28 16:28:07
4	2021-07-14 10:34:57	Save Configuration	Time Zone
5	2021-07-14 10:34:57	Set Time	2021-07-14 10:34:57
6	2021-07-14 10:34:57	save system state	2021-07-14 16:34:57(2)
7	2021-07-14 11:15:08	Save Configuration	GUI
8	2021-07-14 11:16:11	Save Configuration	Startup Wizard
9	2021-07-14 11:16:52	Log In	admin<GUI>
10	2021-07-14 11:25:05	Save Configuration	Net Common :(DHCP)
11	2021-07-14 11:25:05	Save Configuration	Net DNS
12	2021-07-14 11:48:42	Save Configuration	Connection mode
13	2021-07-14 11:50:05	Save Configuration	Connection mode
14	2021-07-14 11:50:35	Save Configuration	Connection mode
15	2021-07-14 11:56:31	Save Configuration	Connection mode

Search

## 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.

Version

System V4.03.R11.C6380233.12201.140000.0000001

Build Date 2023-04-14 13:11:09

Original 1

MAC 0012435cf8dc

Serial Number 8f2697afc6450c10jhmg

Record Channel 10

Status 1

Nat status Probing DNS

Nat status code 0:/0/+111

Device Info.

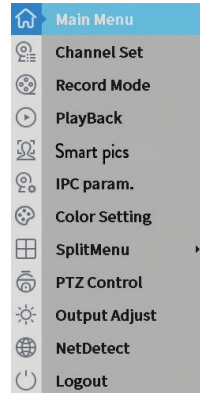


APP

## Other menu options

Right click on the screen to display additional options:

Channel Set, Record Mode, Playback, Smart pics, 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.

**IP channel**

Device searched: SearchTime: 0 AddMode: Auto

0	Device Name	Add	IP Address	Port	Device Info.

Remaining bandwidth: 74 M Show all search d

16	IP Address	Edit	Connection Status	Channel Title	Diagnosis	Set	Prot
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		⊗	⊗	

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: 3M

Frame Rate (FPS): 15

Bit Rate Type: VBR

Quality: highest

Bit Rate (kb/s): 1024

I Frame Interval: 0

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

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**

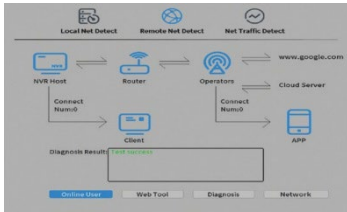
IP Address	Connection Status	Device Info.
192.168.10.103	Connected	-
-	NoConfig	-
-	NoConfig	-
-	NoConfig	-
-	NoConfig	-
-	NoConfig	-
-	NoConfig	-
-	NoConfig	-
-	NoConfig	-
-	NoConfig	-

Trade Position: [ ] Upgrade

Trade file: [ ] Upgrade

Line Upgrade: [ ] Upgrade

Upgrade OK Cancel



Channel Title

Channel1	D01	Channel2	D02
Channel3	D03	Channel4	D04
Channel5	D05	Channel6	D06
Channel7	D07	Channel8	D08
Channel9	D09	Channel10	D10

OK    Cancel

IPv6 Host    Router    Operator    Cloud Server

Connect Network    Connect Network

Client    APP

Diagnose Result: Test success

Online User    Web Tool    Diagnose    Network

Net Test    OK    Cancel

Close adaptive

1 2 3 4 5 6 7 8 9 10 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
Schedule	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Manual	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Stop	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Extra Stream											
Schedule	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Manual	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Stop	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>

OK    Cancel

## Play mode

Shortcut for accessing the search and playback interface of recordings.

## Smart pics

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.

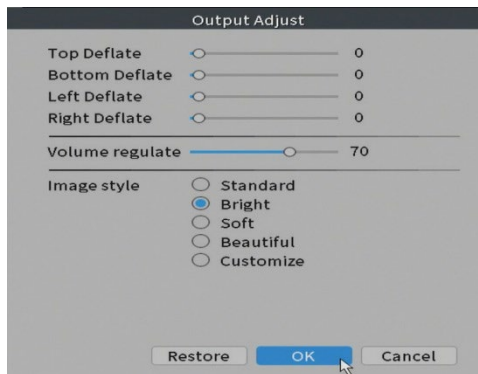


## Split menu

Select how to display the cameras on the same screen.

## Output Adjust

Set the volume and image.



## Net Detect

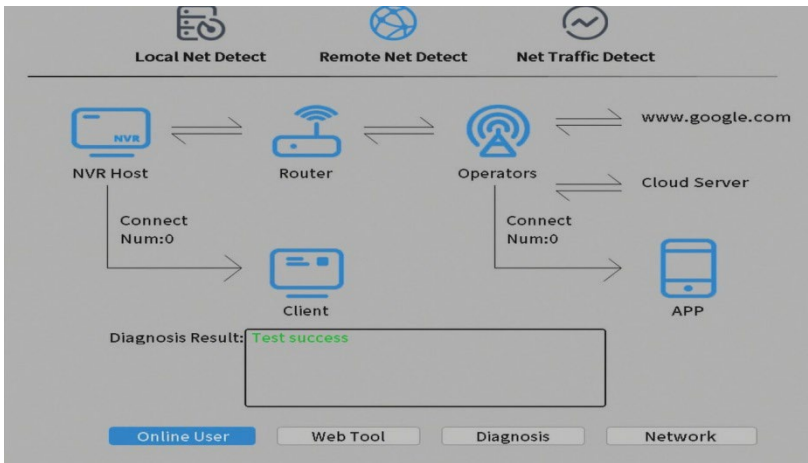
1. **Local Net Detect.** Camera connection monitoring and diagnostics.

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	---	---		

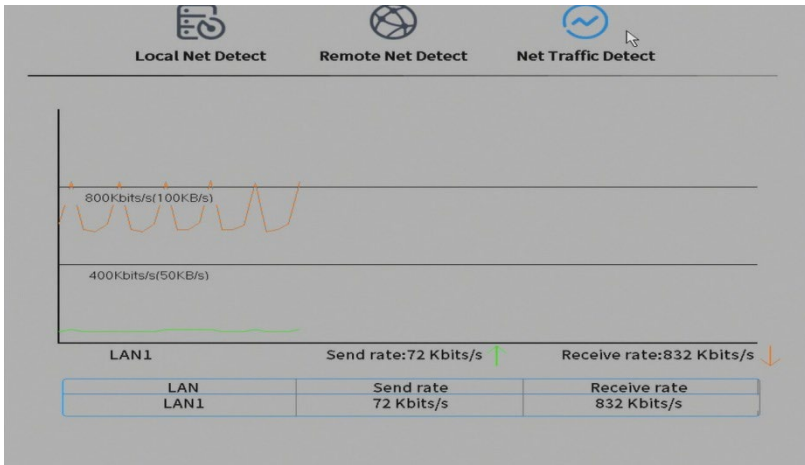
Enable  Reset Count

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.







## Functii principale

- Inregistrare simultana in timp real pe mai multe canale, redare si configurare de la distanta
- Suporta maxim 10 canale(IP710J)/ 16 canale(IP716J) cu o rezolutie maxima 4K (8MP).
- Backup pe stick USB si HDD extern.
- Suporta detectie chip forma umana si forma vehicul (in functie de camera)
- Posibilitate conectare difuzor extern.

## Specificatii tehnice

NVR		
	PNI House IP710J	PNI House IP716J
Intrari video	4 x RJ45 POE	8 x RJ45 POE
Iesiri video	1 x VGA / 1 x HDMI	
Iesire audio	1 x 3.5mm	
Numar canale	10 x max. 4K (8MP)	16 x max. 4K (8MP)
Rezolutie de redare	Maxim 4K (3840 x 2160) pe iesirea HDMI Maxim 1080P (1920 x 1080) pe iesirea VGA	
Ethernet	1 x RJ45 100/100Mbps	
Compresie video	H.265AI/H.265+	
Compresie audio	G.711A	
Mod inregistrare	Manual, alarma, detectie miscare, programat	
USB	2 x USB2.0	
HDD	1 x HDD SATA (maxim 14Tb)	
ONVIF	Da	
Alimentare	48V / 1.5A	
Dimensiuni	255 x 215 x 40 mm	
Temperatura de lucru	-26°C ~ +80°C	

## 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.

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.

Aplicatii: XMEye (Android, iOS), General CMS (Windows)

## Autentificarea in sistem

Dupa pornirea dispozitivului, autentificati-va in sistem.

Implicit la pornire sistemul va cere configurarea unei parole pentru utilizatorul default admin. In timpul utilizarii normale 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.

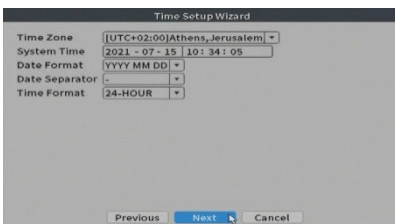
*Nota: Pentru siguranta sistemului Dvs., recomandam schimbarea parolei dupa prima autentificare in sistem.*

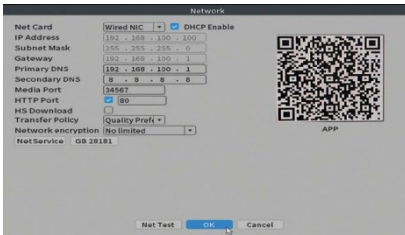
3. Setati parametrii de retea manual sau activati optiunea DHCP pentru preluarea automata a acestora.
4. Scanati codul QR de pe ecran pentru a instalata aplicatia XMEye in telefonul Dvs. mobil. Scanati codul QR cu numarul de serie pentru adaugarea sistemului in aplicatie.
5. Setati optiunile de afisare si rezolutia monitorului conectat la NVR. Rezolutie maxima suportata 4K (3840 x 2160).

*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 mare, 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.

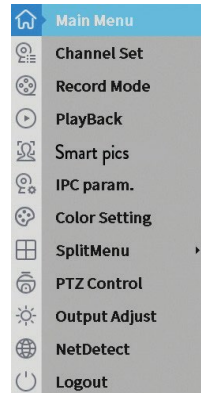
*Nota: Pentru ca setarile sa aiba efect, restartati sistemul. Click dreapta pe ecran - Logout - Reboot.*





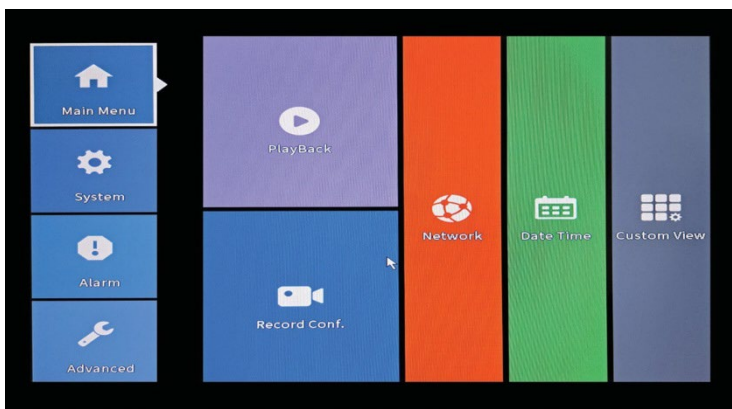
## Meniu

In interfata principala de previzualizare faceti click dreapta cu mouse-ul pentru a accesa meniul.



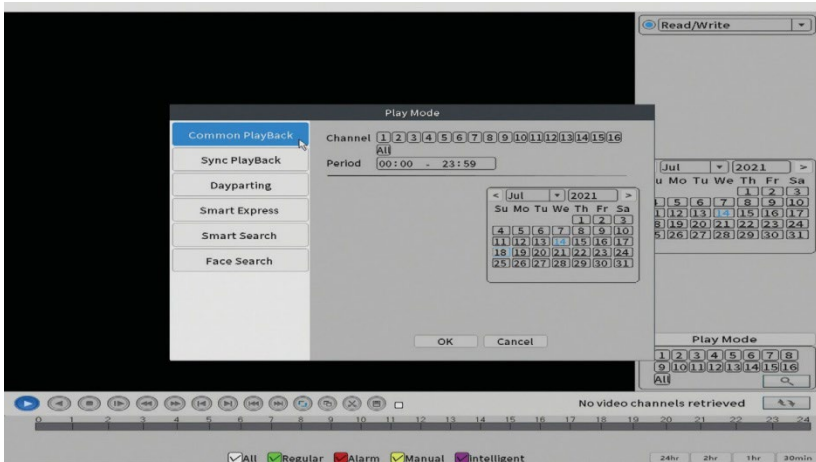
## Main Menu (Meniul principal)

Optiuni: Playback (Redare), Record Conf (Configurare inregistrari), Network (Retea), Date Time (Setare data si ora) si Custom view (Previzualizare personalizata).



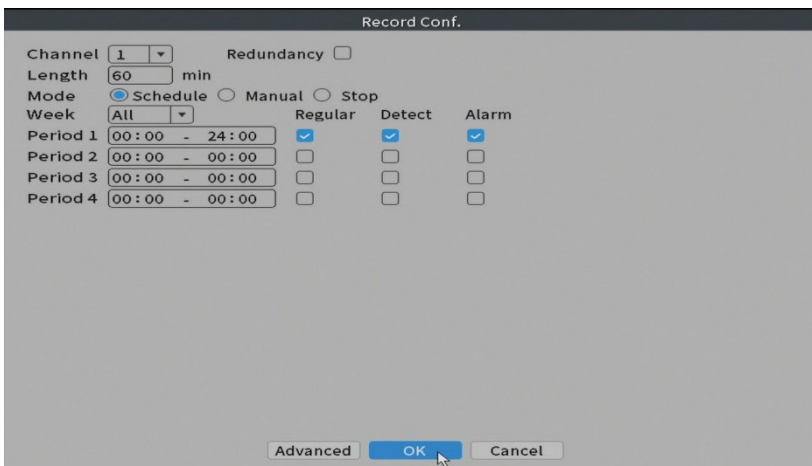
## Playback (Redare inregistrari)

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)

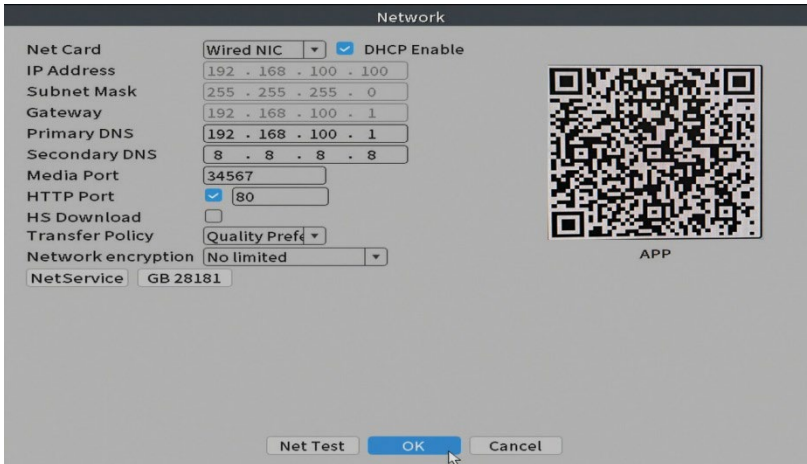
Interfata va permite urmatoarele setari: durata unui fisier de inregistrare, modul de inregistrare (programat sau manual), a perioadei (zi si interval orar) si tipul de inregistrare (inregistrare normala, la detectie miscare si la alarma).



## 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.*



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

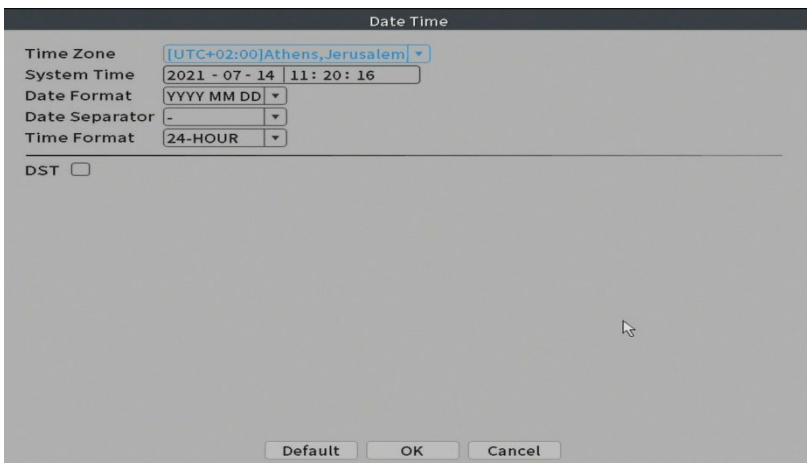
NetService: GB 28181

APP

Net Test OK Cancel

## Date time (Setare data si ora)

Setati fusul orar, data, ora si formatul.



Date Time

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

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

Date Format: YYYY MM DD

Date Separator: -

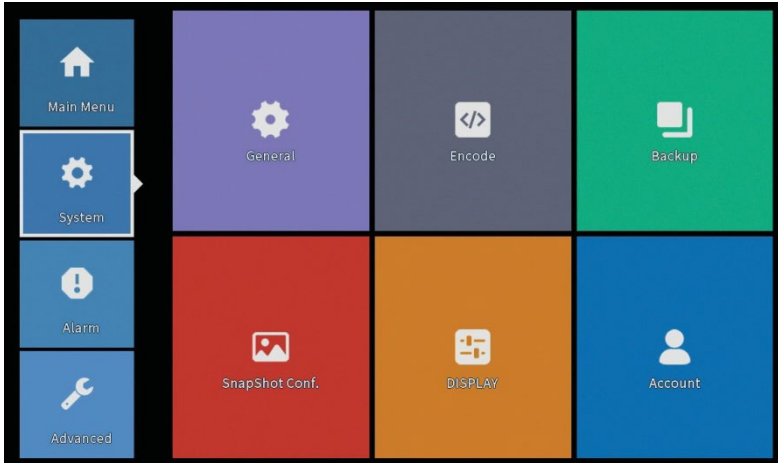
Time Format: 24-HOUR

DST:

Default OK Cancel

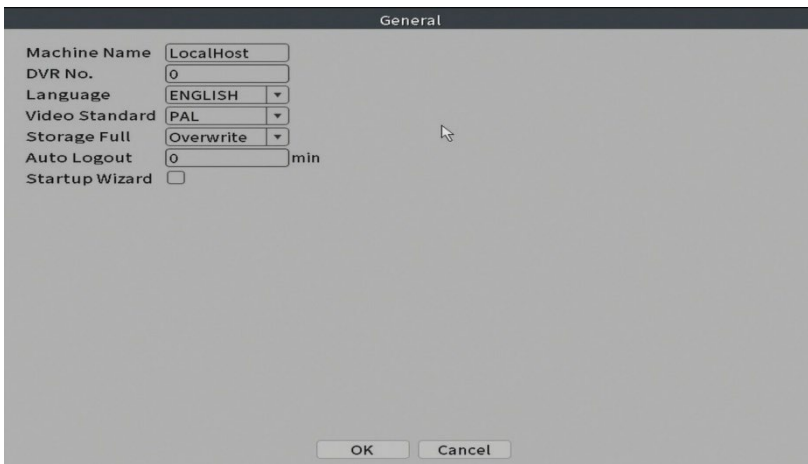
# System (Sistem)

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



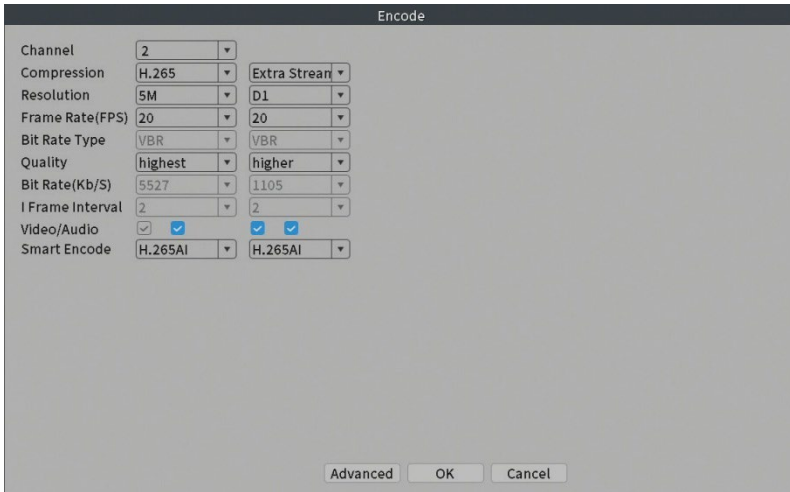
## General

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.



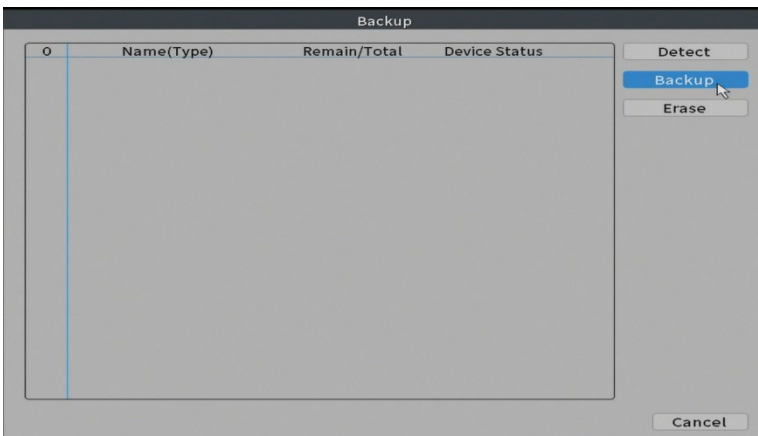
## Encode

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.

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 (Afişare)

În modul de previzualizare local pot fi afişate: ora, numele canalului, statusul înregistrării, statusul alarmei, transparenţa şi rezoluţia de afişare.

*Nota: Înainte de a modifica rezoluţia, asiguraţi-vă că monitorul Dvs. suportă rezoluţia respectivă. Dacă rezoluţia setată este mai mare decât rezoluţia monitorului Dvs., pe monitor nu va apărea nimic şi nu veţi mai putea accesa meniul. Dacă se întâmplă, totuşi, acest lucru, conectaţi NVR-ul la un monitor cu o rezoluţie mai mare, accesaţi meniul şi schimbaţi rezoluţia.*

Channel Title Set

Channel Title

Alarm Status

Alarm flashing

Device QR

Transparency 255

Resolution 1280\*1024

- 1024\*768
- 1280\*720
- 1280\*1024
- 1440\*900
- 1920\*1080
- 2560\*1440(2K)
- 3840\*2160(4K)

Previous Next Cancel

## Account (Cont)

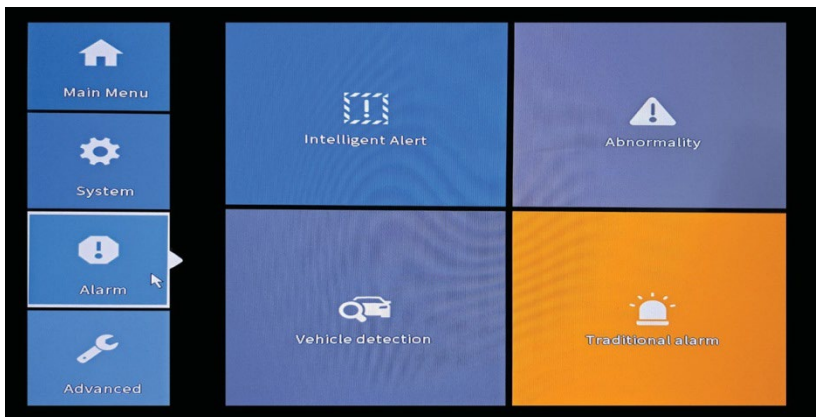
Interfata permite gestionarea utilizatorilor care au acces la sistem, adaugarea de utilizatori, modificarea drepturilor utilizatorilor, modificarea parolei, crearea de grupuri de utilizatori si setarea unui nivel de securitate a contului prin inregistrarea unor raspunsuri la anumite intrebari predefinite. 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)

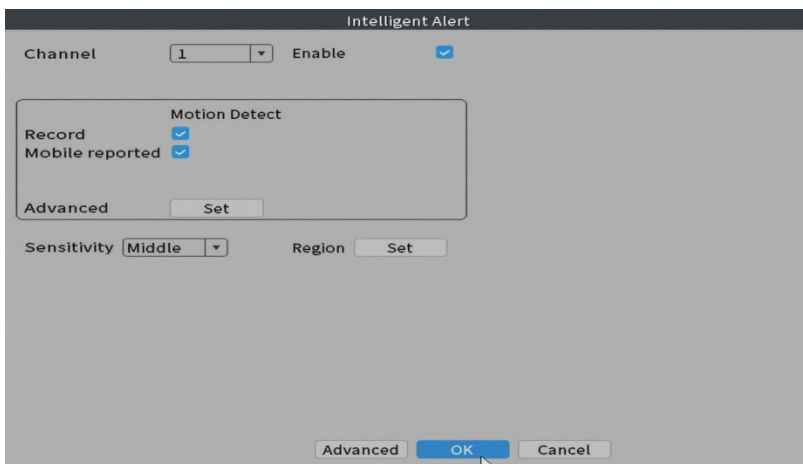
Optiuni: Intelligent Alert (Alerta inteligenta), Abnormality (Comportament anormal), Vehicle detection (Detectare masina in miscare) si Traditional alarm (Lipsa imagine, Lipsa semnal video etc. ). Functia Vehicle detection nu este disponibila pentru acest model.





## 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.



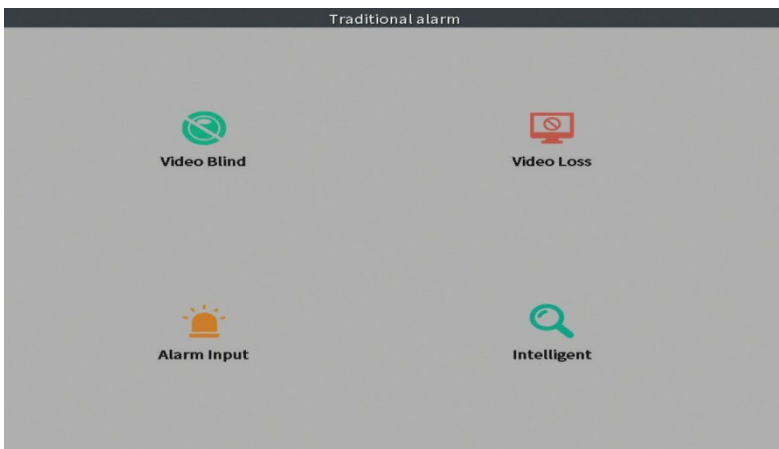
## Abnormality (Comportament anormal)

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.



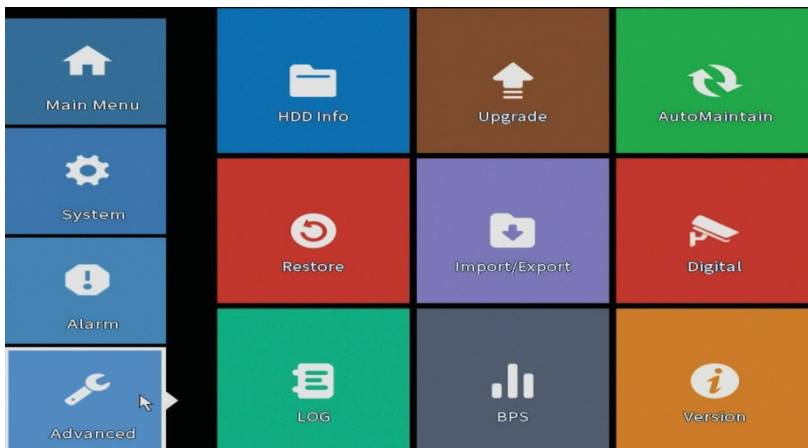
## Traditional alarm (Alarma)

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)

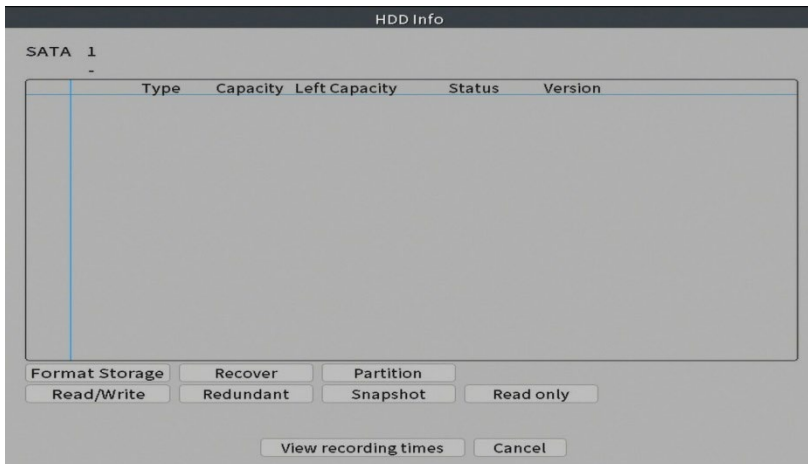
Optiuni: HDD info, Upgrade, AutoMaintain (mentenanta automata), Restore (Reset), Import/Export, Digital, LOG, BPS si Version (Versiune).



## HDD info (Informatii hard disk)

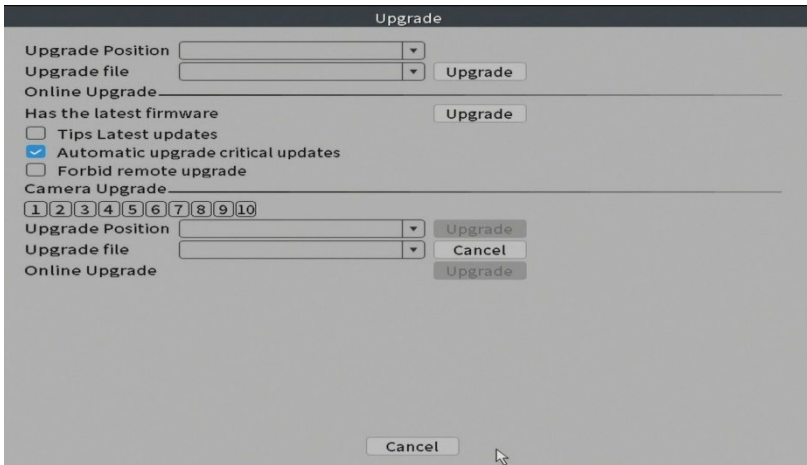
Setati modul de functionare al hard disk-ului (doar citire sau citire/scriere).

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



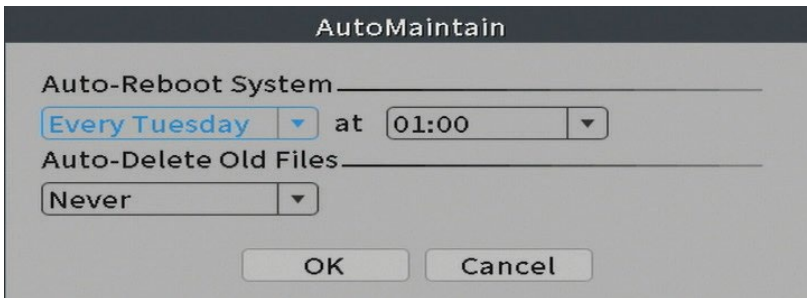
## Upgrade (Actualizare firmware)

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**.



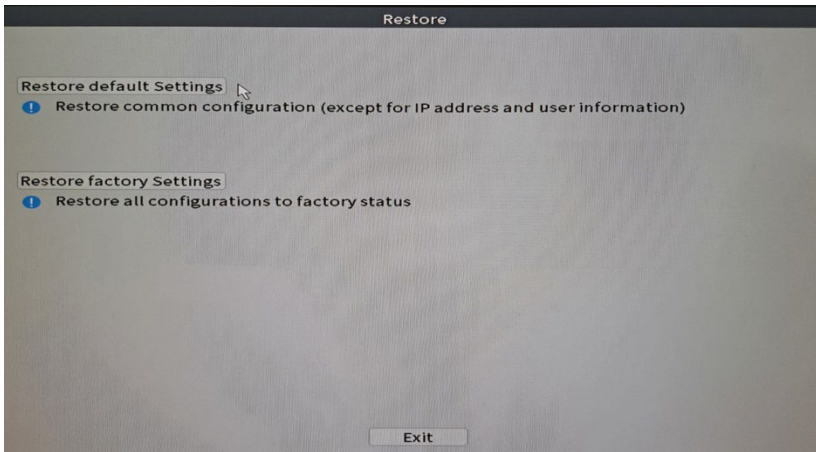
## AutoMaintain (Mentenanata automata)

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



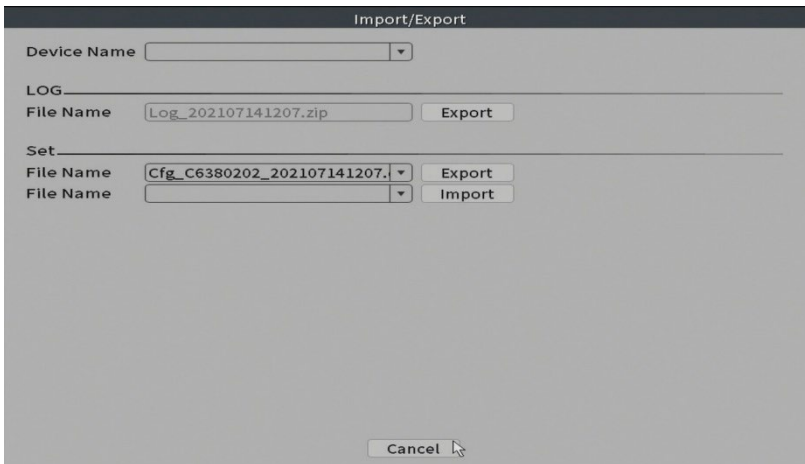
## Restore (Reset - revenirea la setarile din fabrica)

Selectati optiunile pe care doriti sa le resetati.



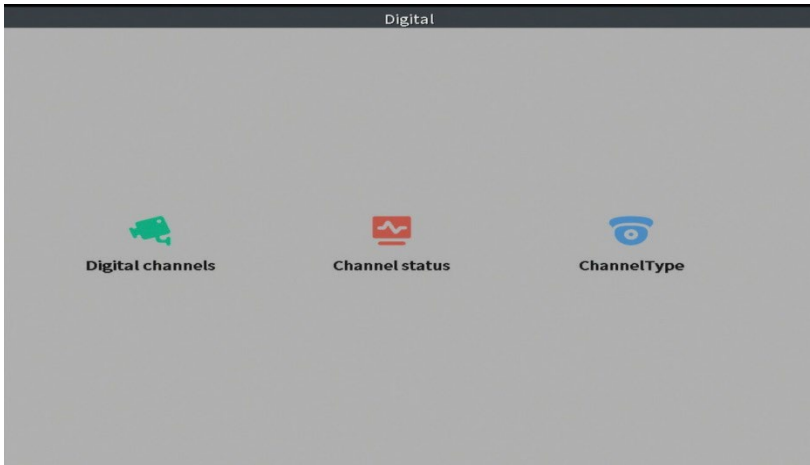
## Import/Export

Exportati sau importati setarile sistemului.



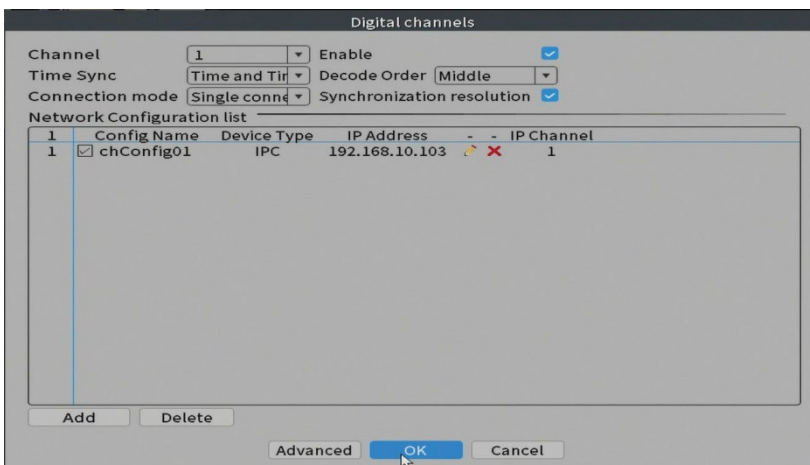
# Digital

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



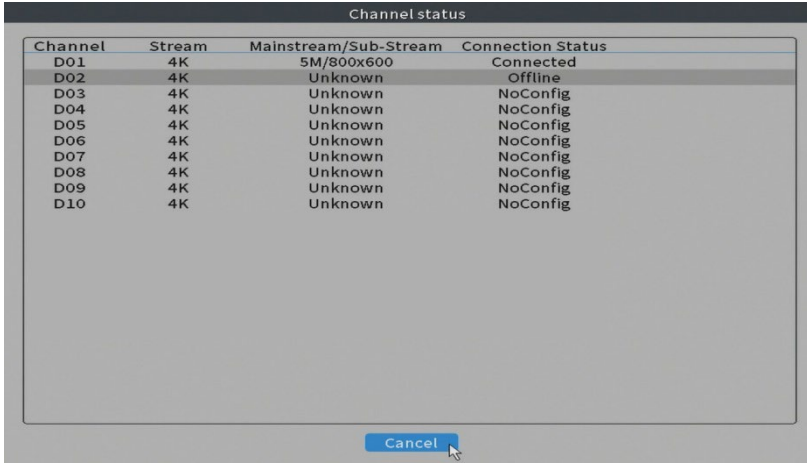
## Digital channels (Canale digitale)

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 10 canale.



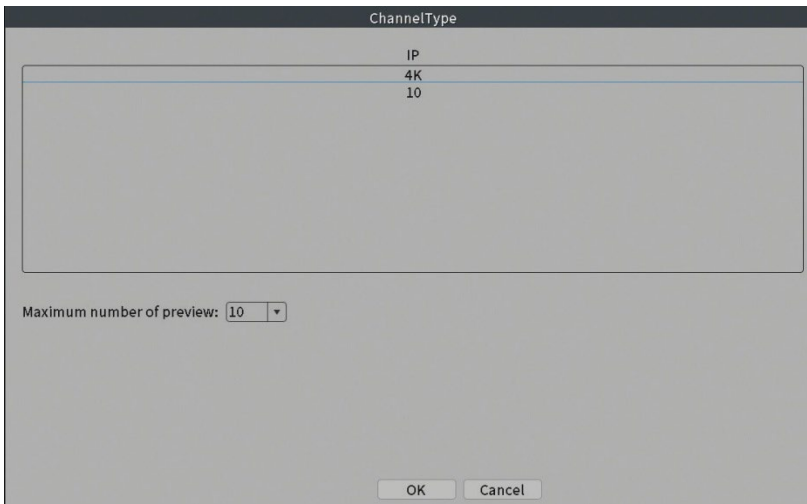
The screenshot shows a dialog box titled "Channel status" with a table containing the following data:

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

A "Cancel" button is located at the bottom right of the dialog box.

## Channel type (Tip canale)

Afiseaza numarul maxim de camere si rezolutia camerelor care pot fi conectate la sistem. Sistemul PNI IPMAX POE 5 si POE 8 suporta maxim 10 camere IP cu rezolutie maxima de 4K (8MP).

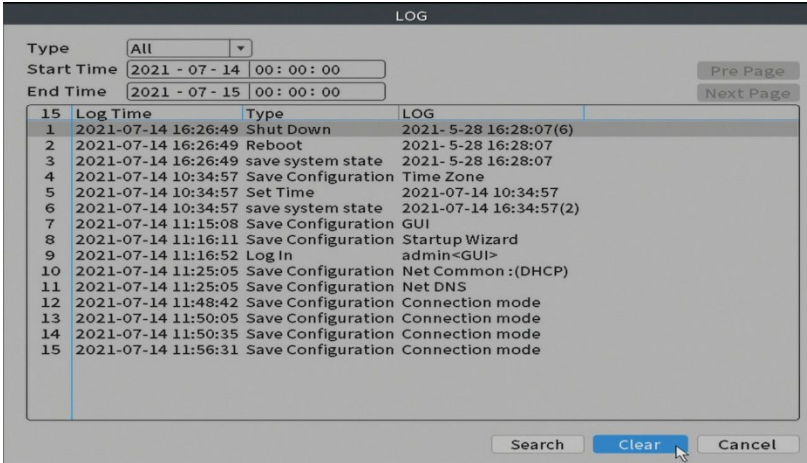


The screenshot shows a dialog box titled "ChannelType" with the following configuration options:

- A list box containing the options: IP, 4K, and 10.
- A label "Maximum number of preview:" followed by a dropdown menu set to "10".
- "OK" and "Cancel" buttons at the bottom.

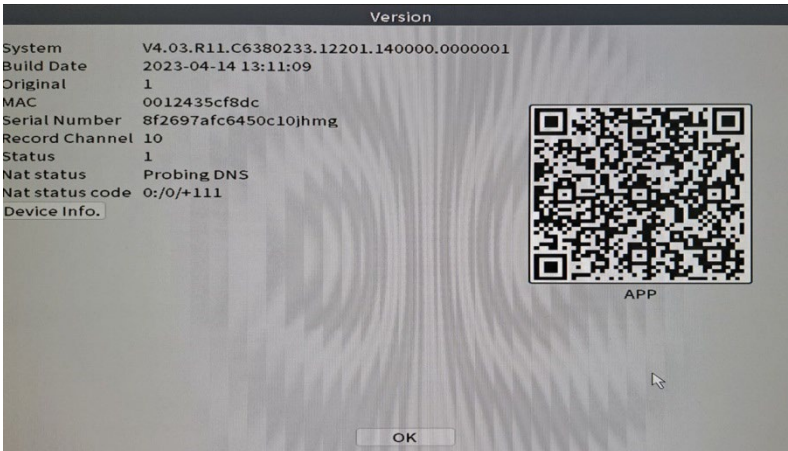
## Log (Istoric evenimente)

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.

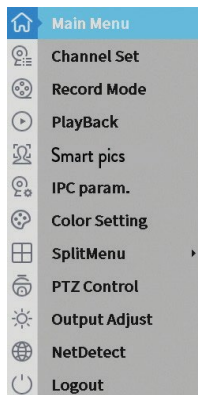




# Alte optiuni meniu

Click dreapta pe ecran pentru a afisa optiunile suplimentare:

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



## Channel set

Interfata permite adaugarea si gestionarea camerelor adaugate in sistem.

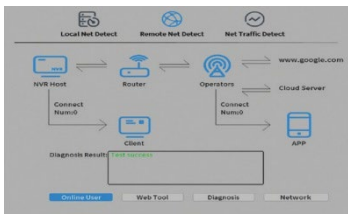
### Zona adaugare camere

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.



Channel Title

Channel1	D01	Channel2	D02
Channel3	D03	Channel4	D04
Channel5	D05	Channel6	D06
Channel7	D07	Channel8	D08
Channel9	D09	Channel10	D10

OK   Cancel

Network

Net Card   Wired NIC   DHCP Enable

IP Address   192.168.1.100

Subnet Mask   255.255.255.0

Gateway   192.168.1.1

Primary DNS   192.168.1.1

Secondary DNS   8.8.8.8

Media Port   19167

HTTP Port   80

MS Download  

Transfer Policy   Quality First

Network Encryption   0kb/limited

NetService   GB 20181

QR Code

Net Test   OK   Cancel

Close adaptive

1 2 3 4 5 6 7 8 9 10 All

Close adaptive   Exit

## Record mode (Mod inregistrare)

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

Record Mode

Mode	All	1	2	3	4	5	6	7	8	9	10
Schedule	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Manual	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Stop	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Extra Stream	_____										
Schedule	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Manual	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Stop	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>

OK   Cancel

## Play mode (Mod previzualizare)

Scurtatura pentru accesarea interfetei de cautare si redare a inregistrarilor.

## Smart pics (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 interfața de vizualizare a camerelor.



## Split menu (Mod afisare canale pe ecran)

Selectati modul de afisare a camerelor pe acelasi ecran.

## Output Adjust (Reglari interfața afisare)

Setati volumul si imaginea.



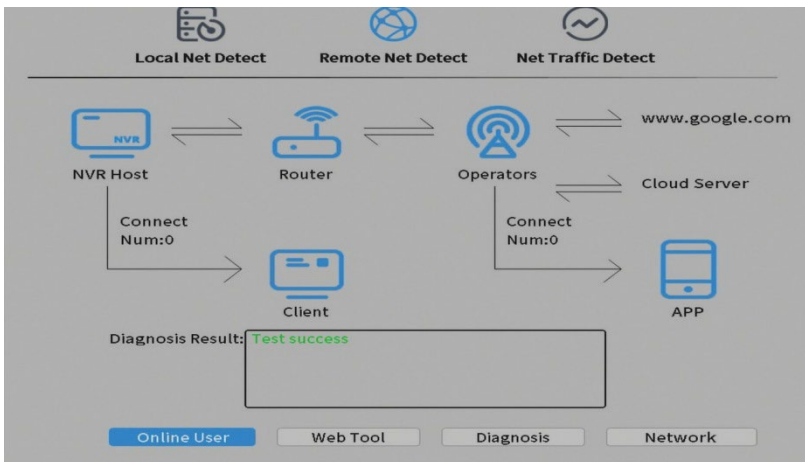
# Net Detect

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

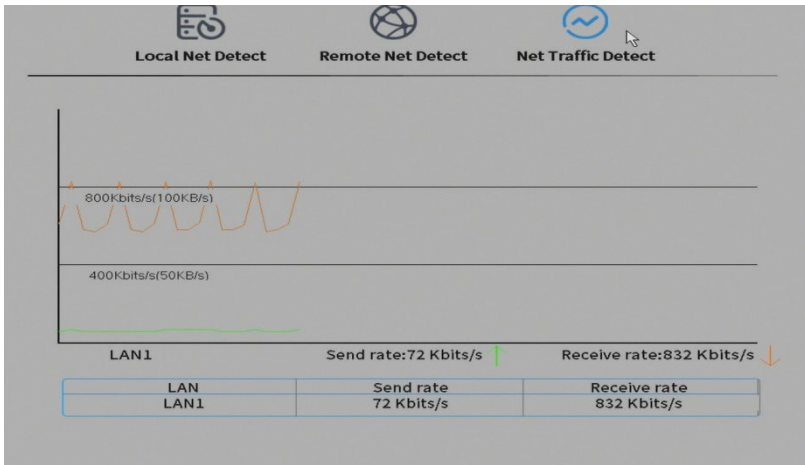
Channel	Sender IP address	Drop-off in the past week	Diagnosis	De
1	192.168.10.103	0	2	
2	----	----	2	
3	----	----	2	
4	----	----	2	
5	----	----	2	
6	----	----	2	
7	----	----	2	
8	----	----	2	
9	----	----	2	
10	----	----	2	

Enable  Reset Count

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

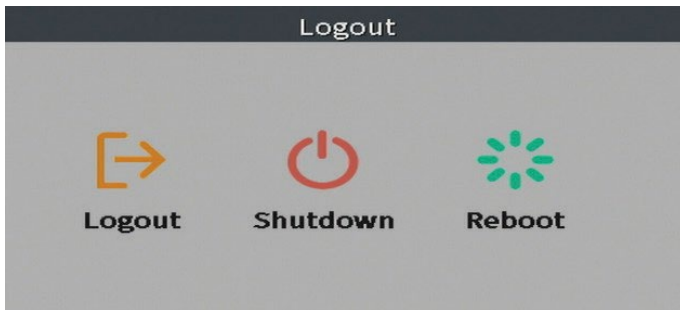


3. **Net traffic Detect.** Monitorizare trafic de date efectuat de NVR in retea.



## Logout

iesiti din cont, inchideti sau reporniti sistemul.



**EN:**

**EU Simplified Declaration of Conformity**

SC ONLINESHOP SRL declares that NVR POE PNI House IP710J/ PNI House IP716J 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/9806/download/certifications>

**BG:**

**Опростена декларация за съответствие на ЕС**

SC ONLINESHOP SRL декларира, че NVR POE PNI House IP710J/ PNI House IP716J спазва директивата EMC 2014/30/EU. Пълният текст на ЕС декларацията за съответствие е достъпен на следния интернет адрес:

<https://www.mypni.eu/products/9806/download/certifications>

**DE:**

**Vereinfachte EU- Konformitätserklärung**

SC ONLINESHOP SRL erklärt, dass das NVR POE PNI House IP710J/ PNI House IP716J der Richtlinie EMC 2014/30/EU. Sie finden den ganzen Text der EU-Konformitätserklärung an der folgenden Internetadresse:

<https://www.mypni.eu/products/9806/download/certifications>

**ES:**

**Declaración UE de conformidad simplificada**

SC ONLINESHOP SRL declara que el NVR POE PNI House IP710J/ PNI House IP716J 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/9806/download/certifications>

**FR**

**Déclaration de conformité simplifiée de l'UE**

SC ONLINESHOP SRL déclare que NVR POE PNI House IP710J/ PNI House IP716J 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/9806/download/certifications>

**HU:**

**Egyszerűsített EU Megfelelési Közlemény**

SC ONLINESHOP SRL kijelenti azt, hogy a NVR POE PNI House IP710J/ PNI House IP716J megfelel az EMC 2014/30/EU. Az EU-megfeleléségi nyilatkozat teljes szövege a következő internetes címen érhető el:

<https://www.mypni.eu/products/9806/download/certifications>

**IT:**

**Dichiarazione UE di conformità semplificata**

SC ONLINESHOP SRL dichiara che il NVR POE PNI House IP710J/ PNI House IP716J 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/9806/download/certifications>

**NL:**

**Vereenvoudigde EU-conformiteitsverklaring**

SC ONLINESHOP SRL verklaart dat NVR POE PNI House IP710J/ PNI House IP716J 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/9806/download/certifications>

**PL:**

**Uproszczona deklaracja zgodności UE**

SC ONLINESHOP SRL oświadcza, że NVR POE PNI House IP710J/ PNI House IP716J jest zgodny z dyrektywą EMC 2014/30/EU. Pełny tekst deklaracji zgodności UE dostępny jest pod następującym adresem internetowym:  
<https://www.mypni.eu/products/9806/download/certifications>

**RO:**

**Declaratie UE de conformitate simplificata**

SC ONLINESHOP SRL declara ca NVR POE PNI House IP710J/ PNI House IP716J 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/9806/download/certifications>





