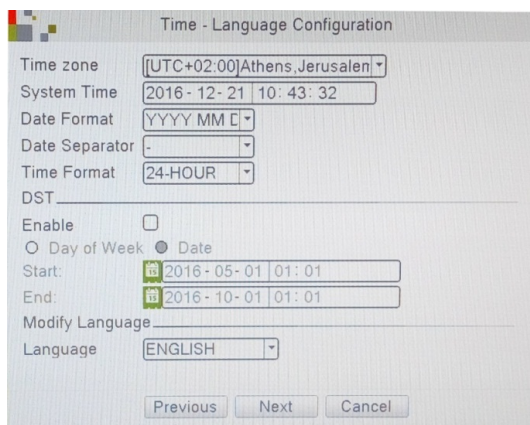
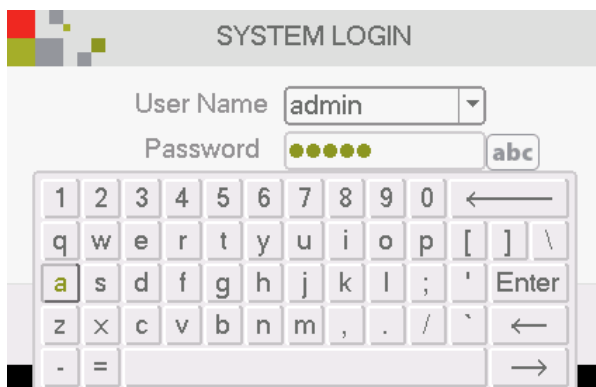


NVR (IP)

1. After mounting the camera, connect the power socket and the RG-45 LAN type connector of the power cord to the corresponding slot of the camera (if the camera supports the POE technology, it is not necessary to connect the power plug).
2. The other side of the power cord is plugged into the intermediate switch. The camera power supply cable should be connected to the 12V power supply unit with appropriate power rating. If the IP recorder supports the POE technology, a separate power supply unit or an intermediate switch are not needed. In this case, the other side of the power cord from the camera can be connected directly to a free port / channel of the NVR.
3. Connect the NVR to the intermediate switch using the network patch cord.
4. Connect the monitor to the NVR using an HDMI or a VGA cable.
5. Connect the optical mouse to a free USB socket.
6. Connect the NVR to the electric power network using the power supply unit supplied with it.

Description of the Setup Wizard

1. Once the NVR is started you are welcomed by the Setup Wizard. It is started each time the NVR is switched on. To avoid this, it suggests not to start the Wizard anymore. Check the box and press **Next**.
2. Then the system offers you to log in. Enter the password in the corresponding field.



- Then the Internet connection will be tested. If the test fails, you can click on the **Network** button and adjust the settings manually.

Network Test

Please click "Retry" to retest the network.

Test GatewayOK

Test NetworkOK

Test DNSOK

Your devices have connected to the network properly.

Network

Net Card ☐ DHCP Enable

IP Address

Subnet Mask

Gateway

Primary DNS

Secondary DNS

Media Port

HTTP Port


HS Download ☐

Transfer Policy


- Then you will see QR codes: the first one is to download the mobile application and the second one is for information on the MAC address of the recorder to add the device to mobile applications.

Add devices

mobile APP



MAC



Click "scan" button on mobile app to add devices.

- Then the mode for adding the cameras to the NVR should be selected – **Quick set** (automatic setting and adding of cameras), **Auto-connected Model** (automatically adds cameras and adjusts their network settings), **Manual** (manual search and adjustment of network settings of the camera).

Mode selection

Please select auto-connected mode or manual mode.

☒ Quick set(recommend)
☐ Auto-connected Model
☐ Manual mode

Message _____

Automatically search and add front-end ip device, to the front-end device may automatically assign IP addresses

IP channel config wizard

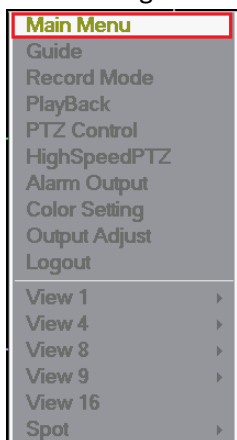
5	Device Name	Device Info.	IP Address	Port
1	IPC0	11:22:33:44:55:60	10.6.11.0	12345
2	IPC1	11:22:33:44:55:61	10.6.11.1	12346
3	IPC2	11:22:33:44:55:62	10.6.11.2	12347
4	IPC3	11:22:33:44:55:63	10.6.11.3	12348
5	IPC4	11:22:33:44:55:64	10.6.11.4	12349

Protocol

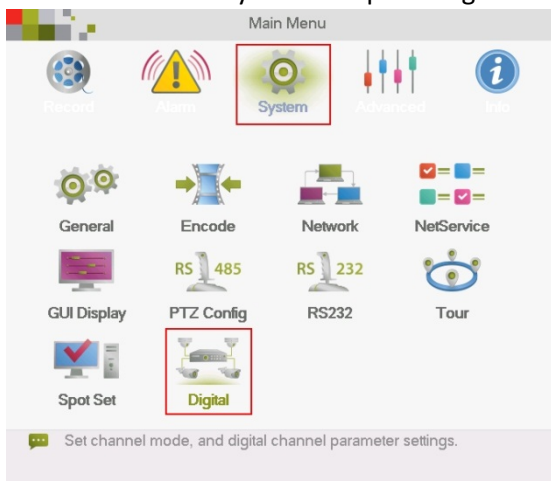
16	Configur. name	Device Type	IP Address	IP Channel Connectio
1	-	-	-	-
2	-	-	-	-
3	-	-	-	-
4	-	-	-	-
5	-	-	-	-
6	-	-	-	-

Adding IP cameras

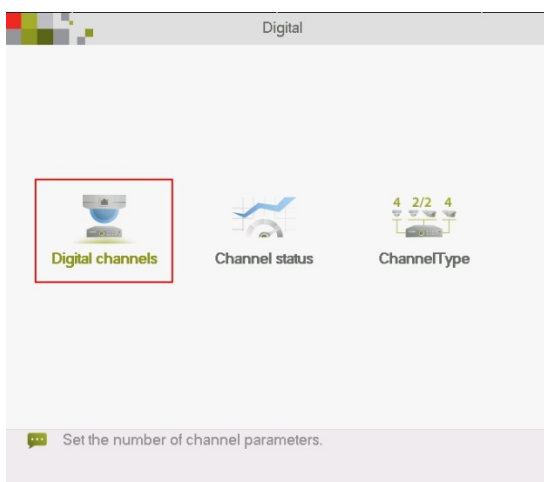
1. Press the right mouse button to call **Main Menu**.



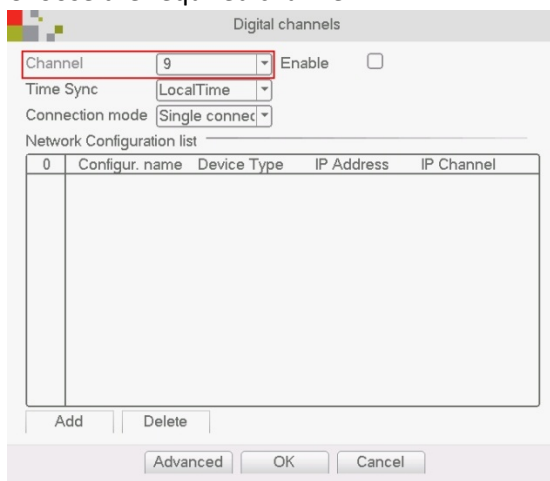
2. Choose menu tab System and press Digital item.



3. Choose Digital Channels item.



4. Choose the required channel.



Digital channels

Channel: 9 Enable: ☐

Time Sync: LocalTime

Connection mode: Single connec

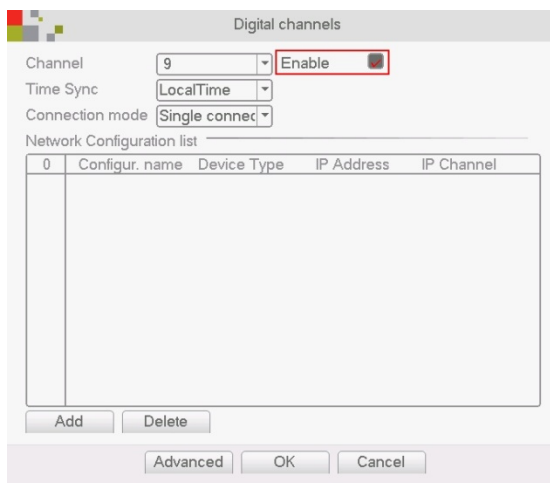
Network Configuration list

0	Configur. name	Device Type	IP Address	IP Channel
---	----------------	-------------	------------	------------

Add Delete

Advanced OK Cancel

5. Tick off Enable.



Digital channels

Channel: 9 Enable: ☒

Time Sync: LocalTime

Connection mode: Single connec

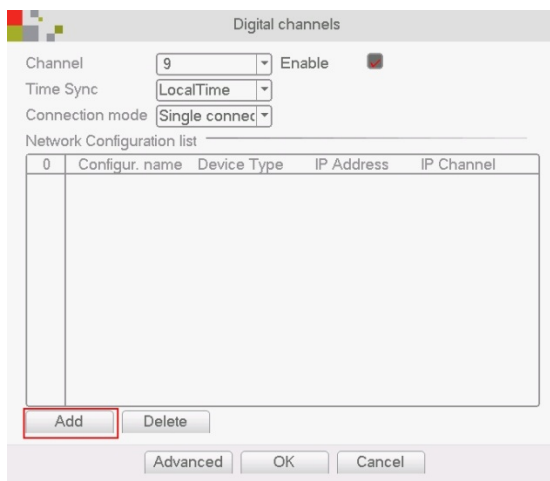
Network Configuration list

0	Configur. name	Device Type	IP Address	IP Channel
---	----------------	-------------	------------	------------

Add Delete

Advanced OK Cancel

6. Press Add button.



Digital channels

Channel: 9 Enable: ☒

Time Sync: LocalTime

Connection mode: Single connec

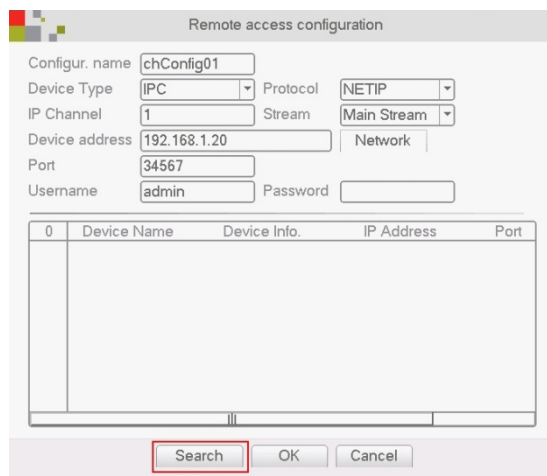
Network Configuration list

0	Configur. name	Device Type	IP Address	IP Channel
---	----------------	-------------	------------	------------

Add Delete

Advanced OK Cancel

7. Press Search button.



Remote access configuration

Configur. name:

Device Type: Protocol:

IP Channel: Stream:

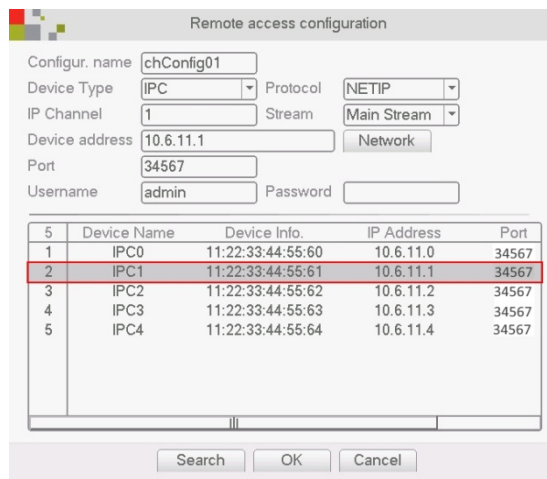
Device address: Network:

Port:

Username: Password:

0	Device Name	Device Info.	IP Address	Port

8. Choose the required camera from the list of the found cameras and click it twice with a left mouse button.



Remote access configuration

Configur. name:

Device Type: Protocol:

IP Channel: Stream:

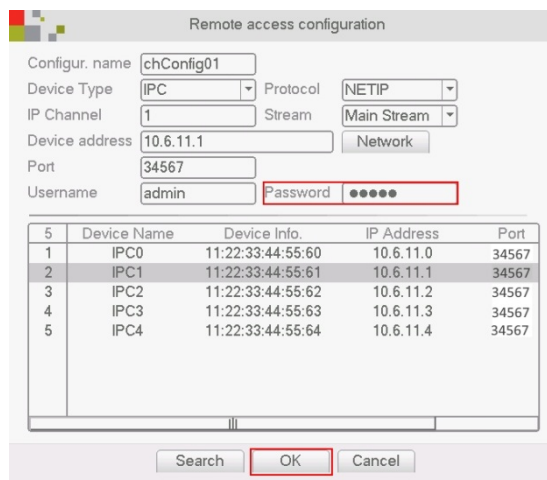
Device address: Network:

Port:

Username: Password:

5	Device Name	Device Info.	IP Address	Port
1	IPC0	11:22:33:44:55:60	10.6.11.0	34567
2	IPC1	11:22:33:44:55:61	10.6.11.1	34567
3	IPC2	11:22:33:44:55:62	10.6.11.2	34567
4	IPC3	11:22:33:44:55:63	10.6.11.3	34567
5	IPC4	11:22:33:44:55:64	10.6.11.4	34567

9. Fill in Password field, if it is available, and press Ok button.



Remote access configuration

Configur. name:

Device Type: Protocol:

IP Channel: Stream:

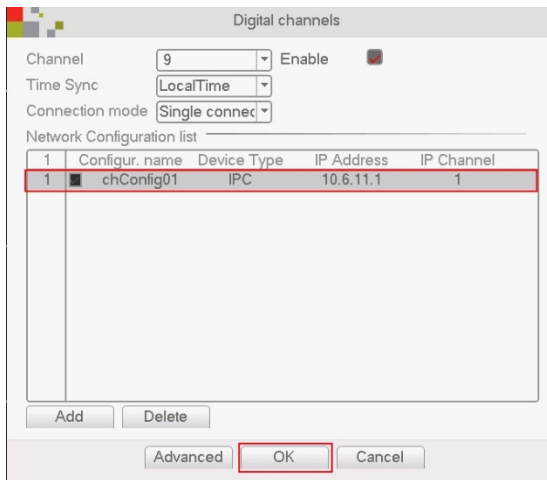
Device address: Network:

Port:

Username: Password:

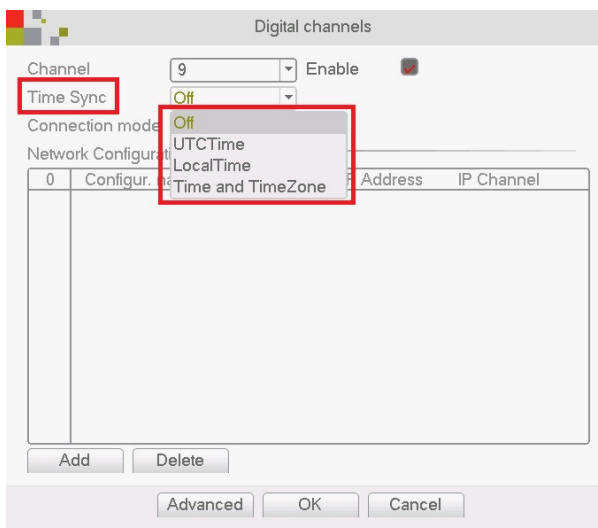
5	Device Name	Device Info.	IP Address	Port
1	IPC0	11:22:33:44:55:60	10.6.11.0	34567
2	IPC1	11:22:33:44:55:61	10.6.11.1	34567
3	IPC2	11:22:33:44:55:62	10.6.11.2	34567
4	IPC3	11:22:33:44:55:63	10.6.11.3	34567
5	IPC4	11:22:33:44:55:64	10.6.11.4	34567

10. Tick off the line with the added camera and press Ok button.



11. Time synchronization on IP camera

When adding a camera, you must select one of the methods for synchronizing time on camera. To do this in the Time Sync section select the synchronization method.

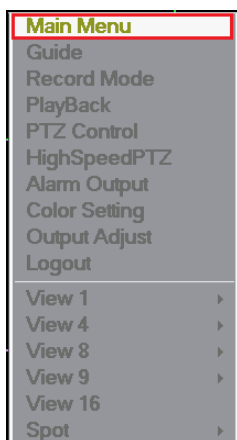


- Off - sync disabled
- UTCTime - camera synchronization according to the time zone settings
- LocalTime - synchronization with local time on the NVR
- Time and TimeZone - synchronization of time and time zone

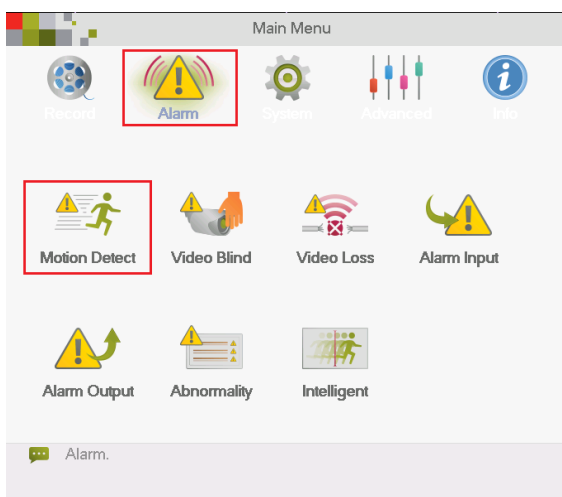
ATTENTION! To correctly display the time on cameras and NVR, regardless of the connection protocol, we recommend using the LocalTime type of synchronization!

Motion detect settings

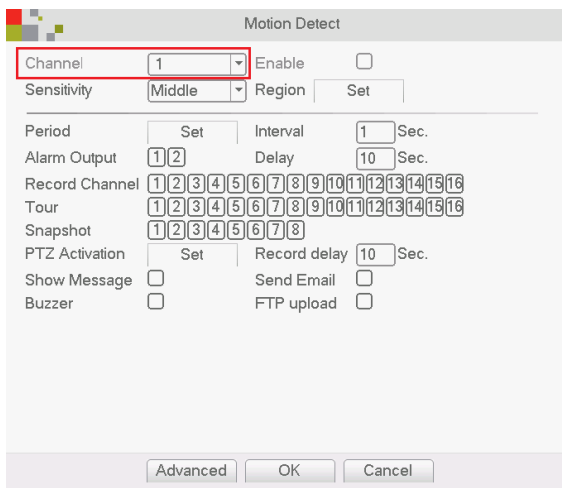
1. Open **Main Menu** by clicking the right mouse button.



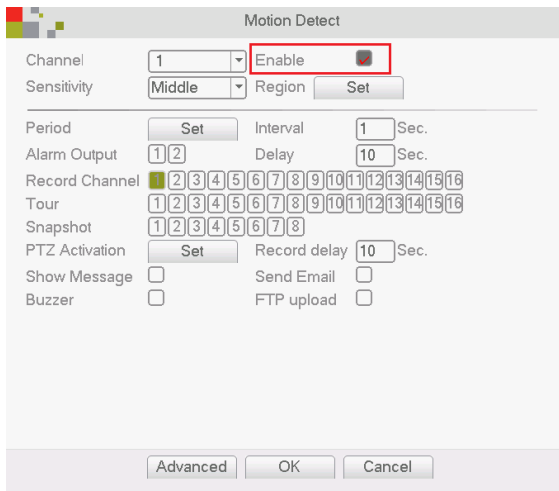
2. Select **Alarm** menu and press **Motion detect**.



3. Select the channel needed.

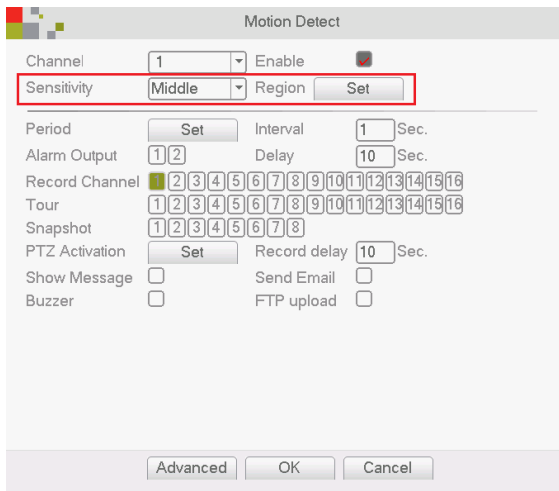


4. Check the **Enable** box.



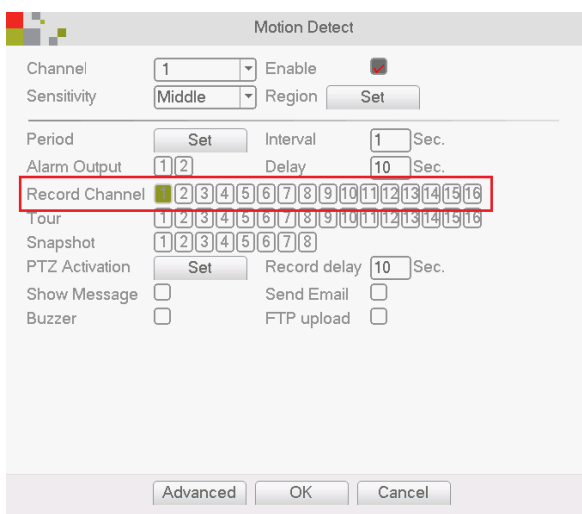
The screenshot shows the 'Motion Detect' configuration window. The 'Channel' is set to '1'. The 'Enable' checkbox is checked and highlighted with a red box. Other settings include 'Sensitivity' set to 'Middle', 'Region' set to 'Set', 'Period' set to 'Set', 'Interval' set to '1' Sec., 'Alarm Output' set to '1 2', 'Delay' set to '10' Sec., 'Record Channel' set to '1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16', 'Tour' set to '1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16', 'Snapshot' set to '1 2 3 4 5 6 7 8', 'PTZ Activation' set to 'Set', 'Record delay' set to '10' Sec., 'Show Message' unchecked, 'Send Email' unchecked, 'Buzzer' unchecked, and 'FTP upload' unchecked. At the bottom are 'Advanced', 'OK', and 'Cancel' buttons.

5. Set the sensitivity level and the detection area.



The screenshot shows the 'Motion Detect' configuration window. The 'Channel' is set to '1'. The 'Sensitivity' dropdown is set to 'Middle' and the 'Region' button is highlighted with a red box. Other settings are the same as in the previous screenshot. At the bottom are 'Advanced', 'OK', and 'Cancel' buttons.

6. Select the camera or a group of cameras from which the recording will be made in case of motion detection on the channel selected in item 3.

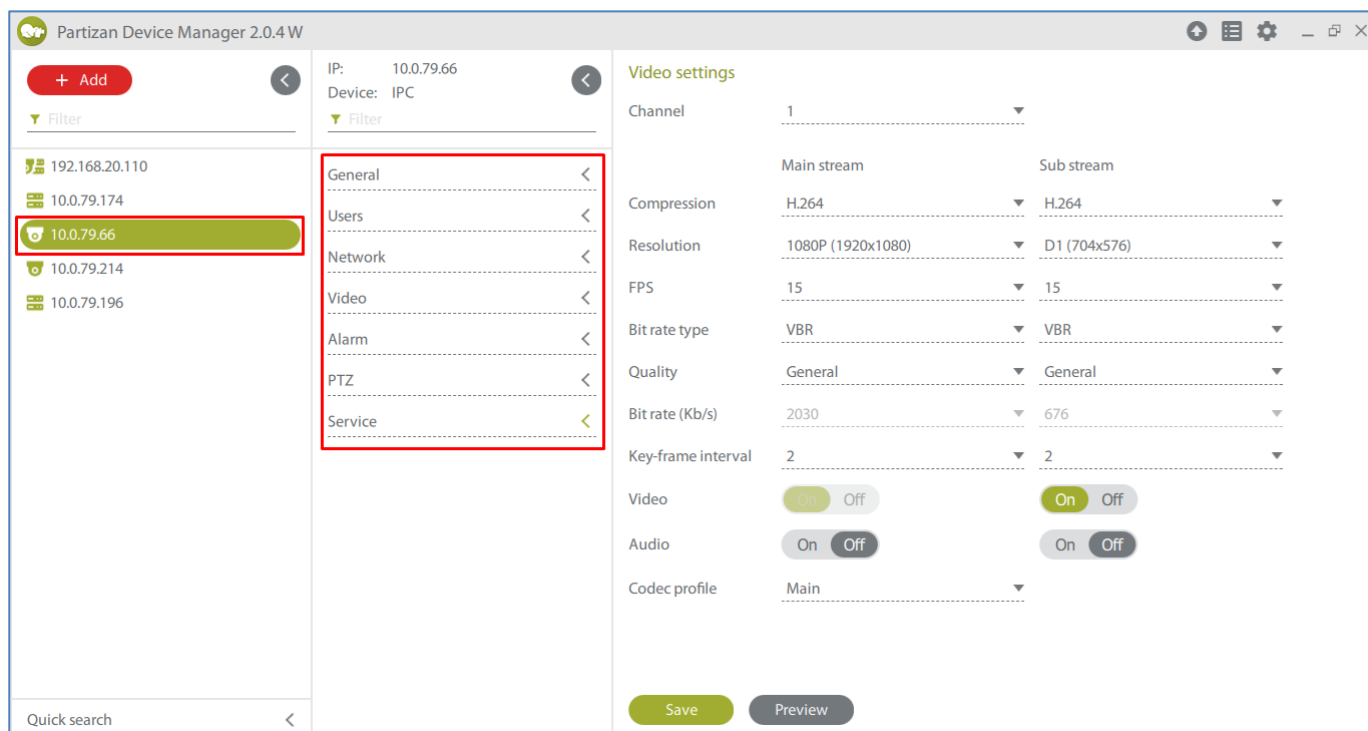


The screenshot shows the 'Motion Detect' configuration window. The 'Channel' is set to '1'. The 'Sensitivity' is set to 'Middle'. The 'Record Channel' dropdown is highlighted with a red box, showing a list of channels from 1 to 16. Other settings are the same as in the previous screenshots. At the bottom are 'Advanced', 'OK', and 'Cancel' buttons.

7. Moreover, for correct operation of the system it is necessary to set movement detection on the IP camera itself.

Video camera motion detect setting

- Using the Partizan Device Manager software find the camera needed enter its settings.



Partizan Device Manager 2.0.4 W

IP: 10.0.79.66
Device: IPC

Video settings

Channel: 1

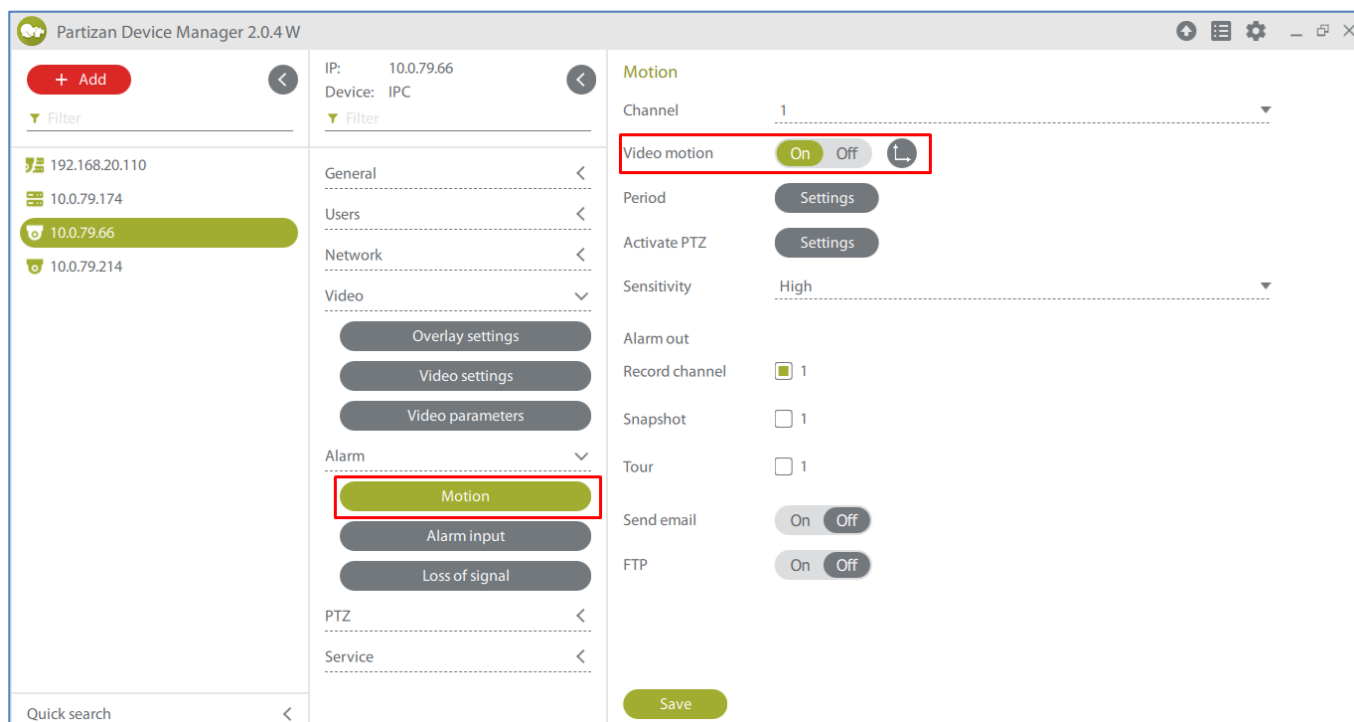
Main stream: H.264, 1080P (1920x1080), 15 FPS, VBR, General, 2030 Kb/s, 2 Key-frame interval

Sub stream: H.264, D1 (704x576), 15 FPS, VBR, General, 676 Kb/s, 2 Key-frame interval

Video: On Off
Audio: On Off
Codec profile: Main

Save Preview

- Activate **Video motion** on the **Motion** tab.



Partizan Device Manager 2.0.4 W

IP: 10.0.79.66
Device: IPC

Motion

Channel: 1

Video motion: On Off

Period: Settings
Activate PTZ: Settings
Sensitivity: High

Alarm out: 1
Record channel: 1
Snapshot: 1
Tour: 1

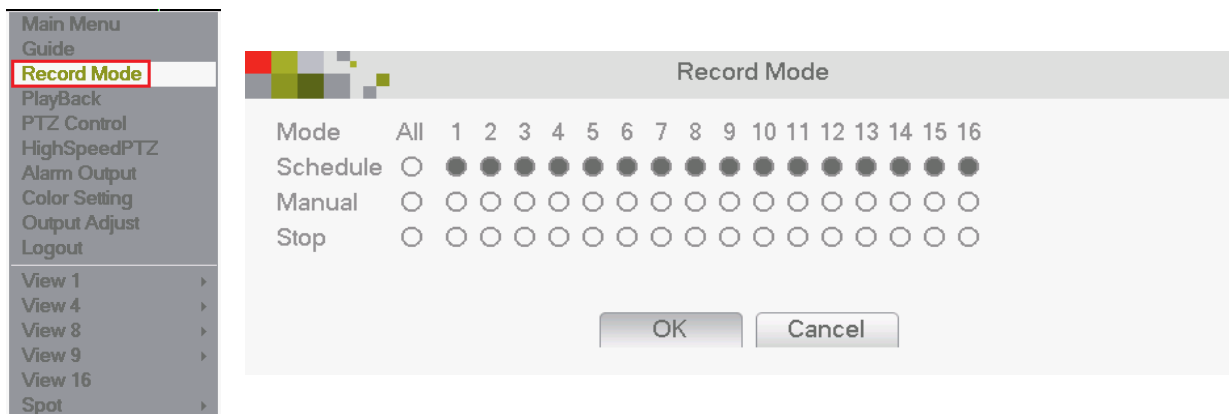
Send email: On Off
FTP: On Off

Save

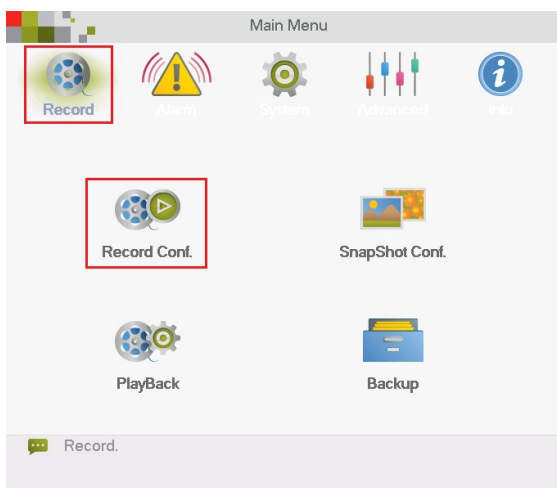
- Save settings.

Record Configuration

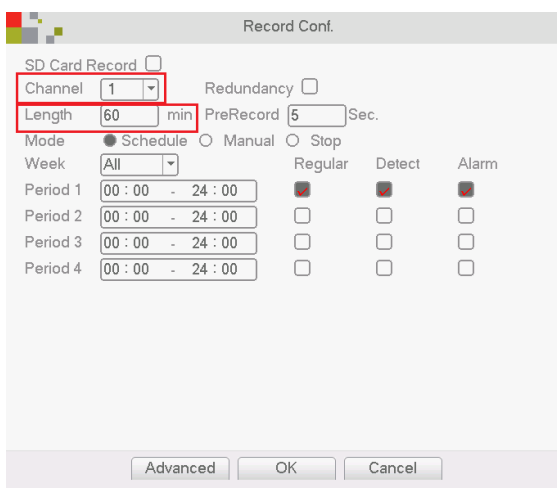
- Press right mouse button and select menu **Record Mode** and select the appropriate mode for each channel – **Schedule** (recording upon movement detection or continuous recording during a certain period of time), **Manual** (start/stop recording manually), **Stop** (no recording).



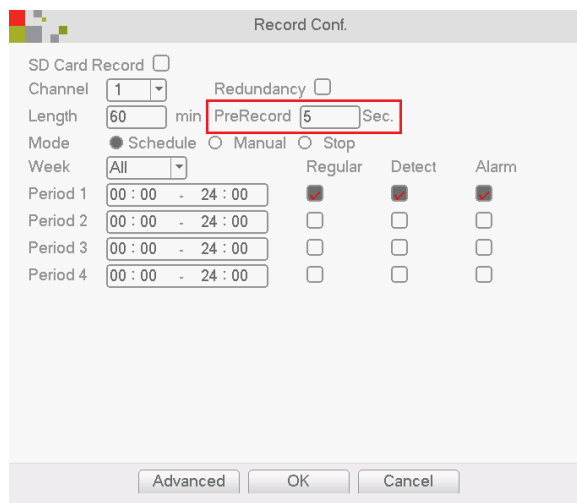
- Enter the **Main Menu**, item **Record** and tab **Record Conf.**. Select a channel.



- Set the file length in minutes in the **Length** field.



4. Select pre-recording time in the field **Pre-record** (this is the time to be recorded before the movement begins).



Record Conf.

SD Card Record ☐

Channel Redundancy ☐

Length min PreRecord Sec.

Mode ☒ Schedule ☐ Manual ☐ Stop

Week

	Regular	Detect	Alarm
Period 1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Period 2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Period 3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Period 4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Period 1 -

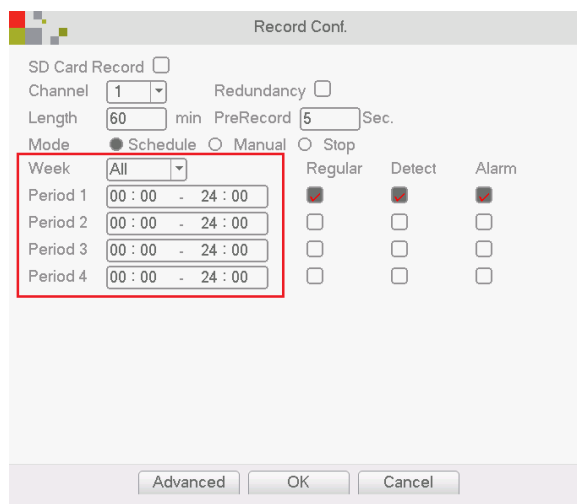
Period 2 -

Period 3 -

Period 4 -

Advanced OK Cancel

5. For **Schedule** choose the time period during which the recording will be made.



Record Conf.

SD Card Record ☐

Channel Redundancy ☐

Length min PreRecord Sec.

Mode ☒ Schedule ☐ Manual ☐ Stop

Week

	Regular	Detect	Alarm
Period 1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Period 2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Period 3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Period 4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Period 1 -

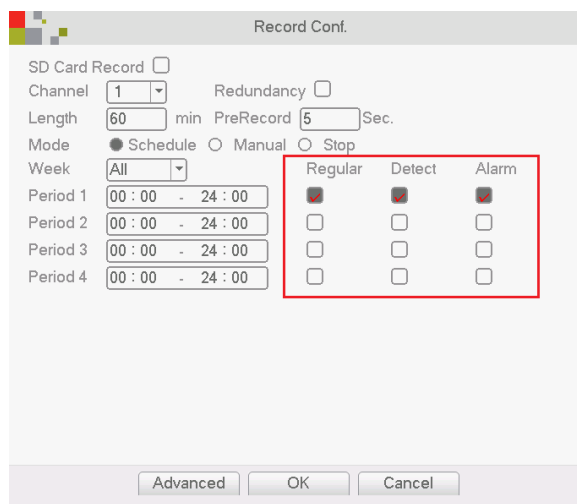
Period 2 -

Period 3 -

Period 4 -

Advanced OK Cancel

6. Choose the recording start mode – based on motion detection, continuous recording or on alarm.



Record Conf.

SD Card Record ☐

Channel Redundancy ☐

Length min PreRecord Sec.

Mode ☒ Schedule ☐ Manual ☐ Stop

Week

	Regular	Detect	Alarm
Period 1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Period 2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Period 3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Period 4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Period 1 -

Period 2 -

Period 3 -

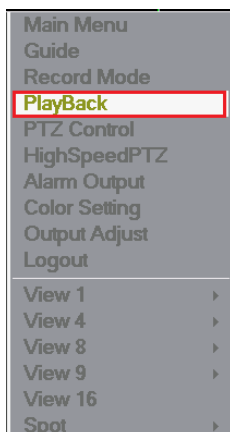
Period 4 -

Advanced OK Cancel

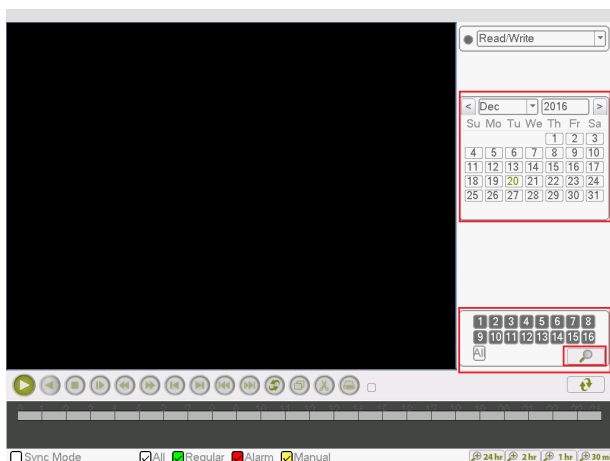
7. In the **Manual** and **Stop** modes it is impossible to set the time period and mode of recording

Archive Playback

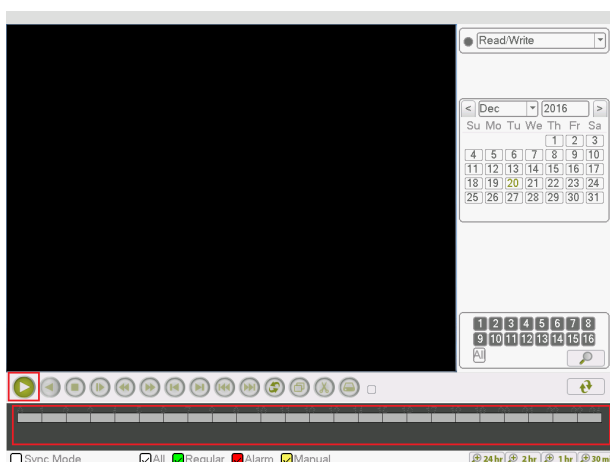
1. Press the right mouse button to call **Main Menu**.
2. Select **PlayBack** from the menu.



3. In the window that opens, select the necessary date, the necessary channel and press the **Search** button

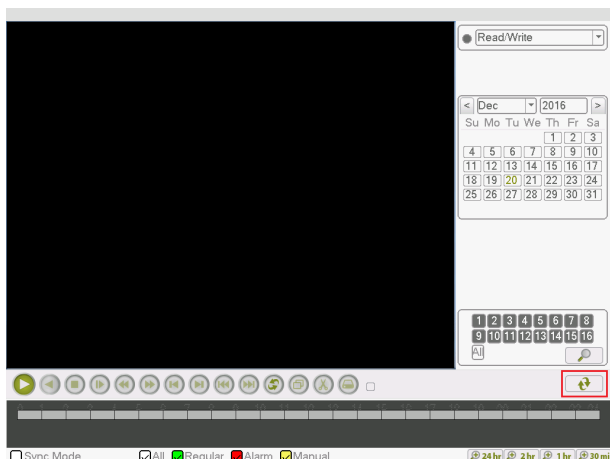


4. In the band that appears on the screen select the time and press the **Play** button on the toolbar.

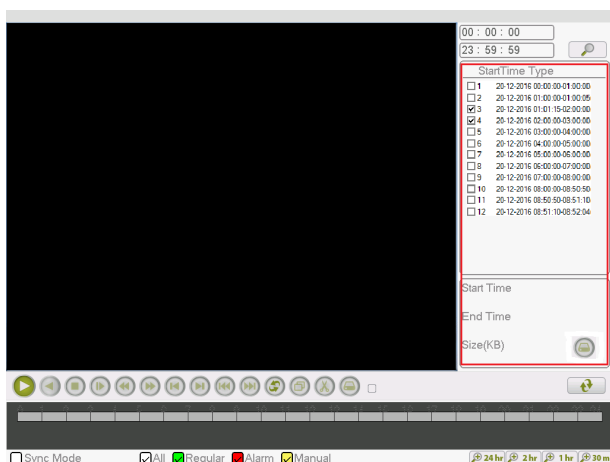


Backup copying

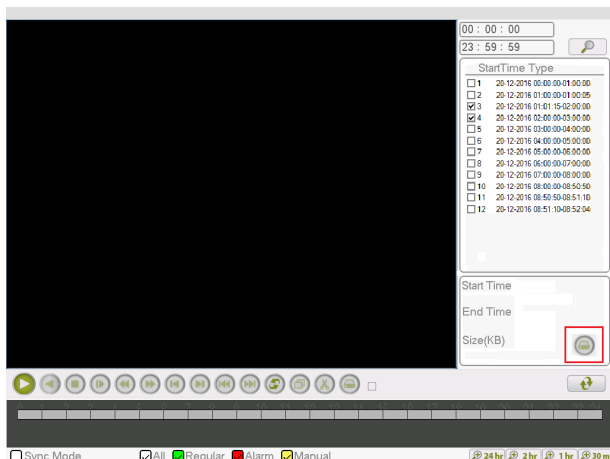
1. Insert the USB storage device into one of the USB ports of the NVR.
2. Go to the archive playback menu. After searching the archive click on the arrow button.



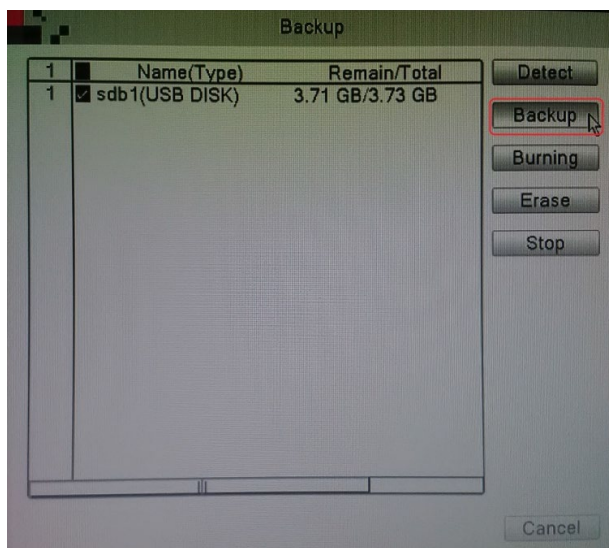
3. In the file list that appears, tick the ones that you want to copy to the USB drive.



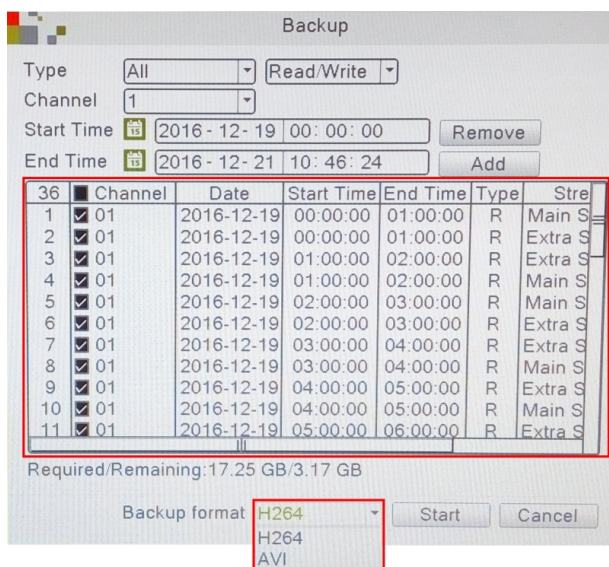
4. Click the **Backup** button.



5. In the window that appears, choose your USB device and click the **Backup** button.



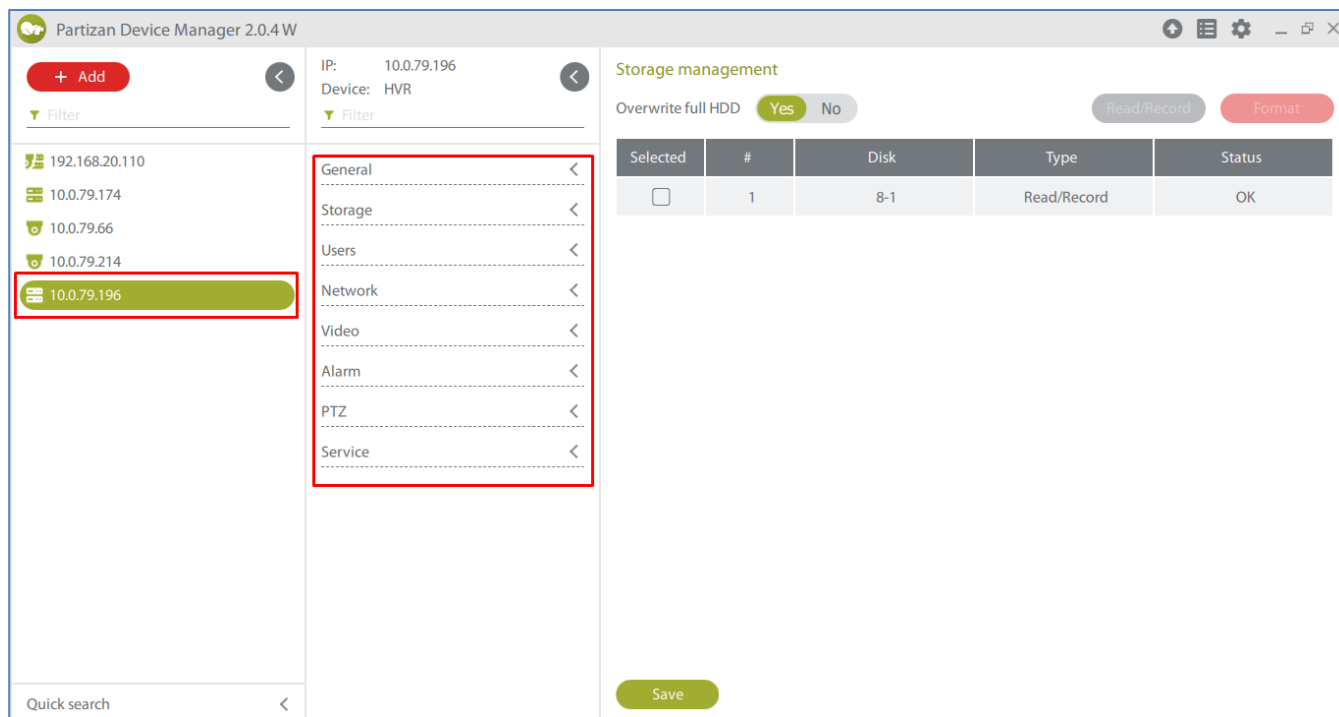
6. A window will appear with information on the selected files, required and available space for the archive, as well as with the choice of the format in which the files will be recorded. Select the AVI format and click on the Start button.



7. Wait for the files to be copied.
8. As soon as the operation is over the USB drive can be removed and played on any PC using a standard media player.

Settings for recording video to SD card

1. Using Partizan Device Manager application find the necessary camera and open its settings.



Partizan Device Manager 2.0.4 W

IP: 10.0.79.196
Device: HVR

Storage management

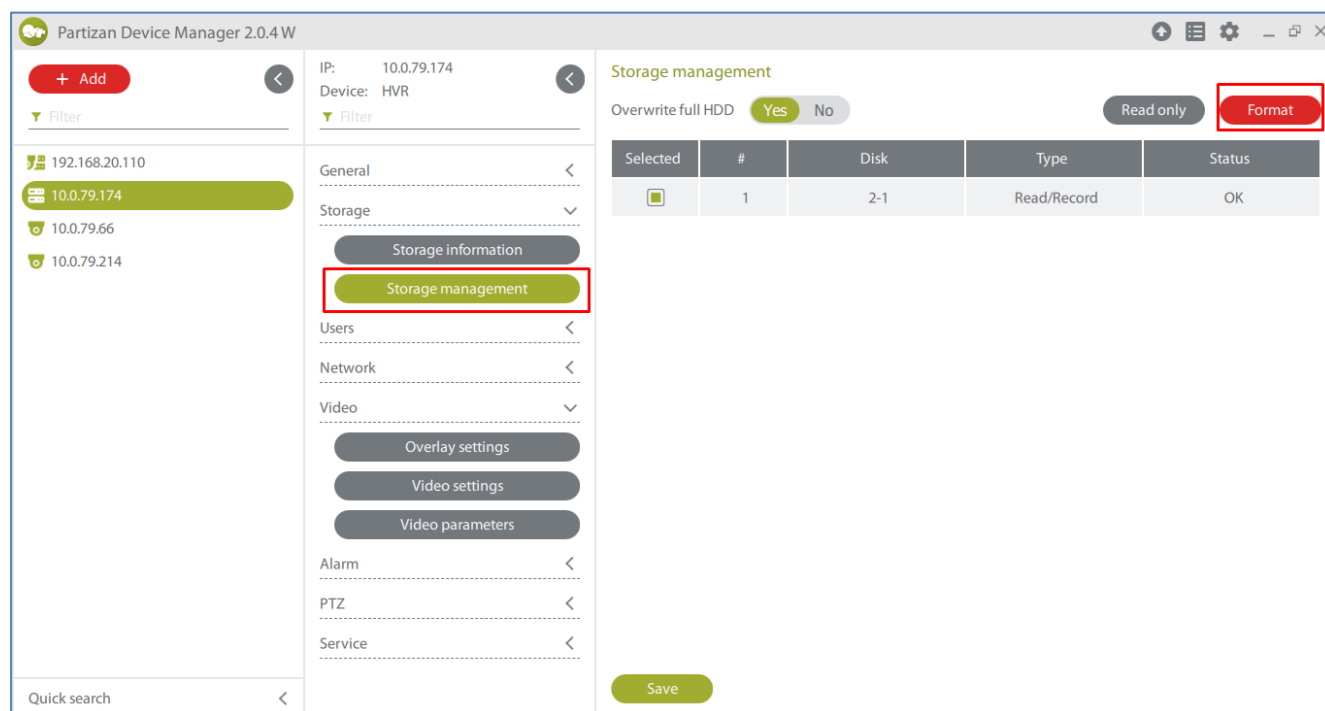
Overwrite full HDD: Yes No

Read/Record Format

Selected	#	Disk	Type	Status
<input type="checkbox"/>	1	8-1	Read/Record	OK

Save

2. Go to the **Storage** tab, open **Storage management** menu item and format the SDcard.



Partizan Device Manager 2.0.4 W

IP: 10.0.79.174
Device: HVR

Storage management

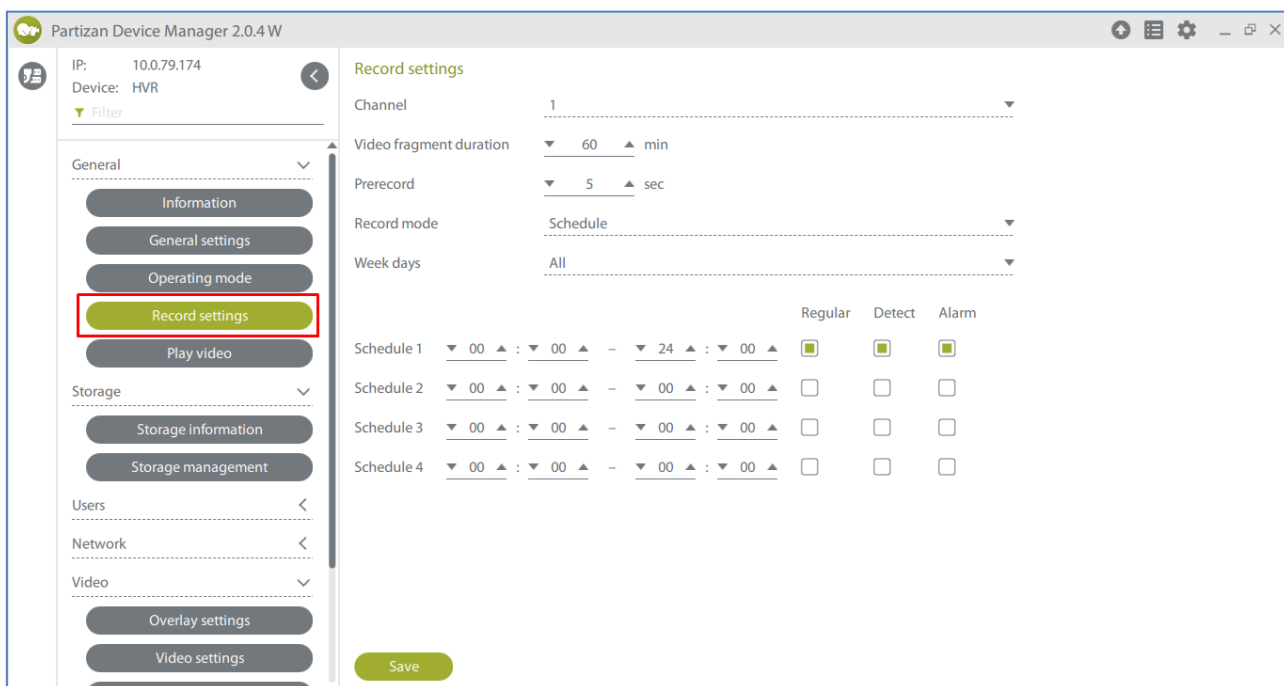
Overwrite full HDD: Yes No

Read only Format

Selected	#	Disk	Type	Status
<input checked="" type="checkbox"/>	1	2-1	Read/Record	OK

Save

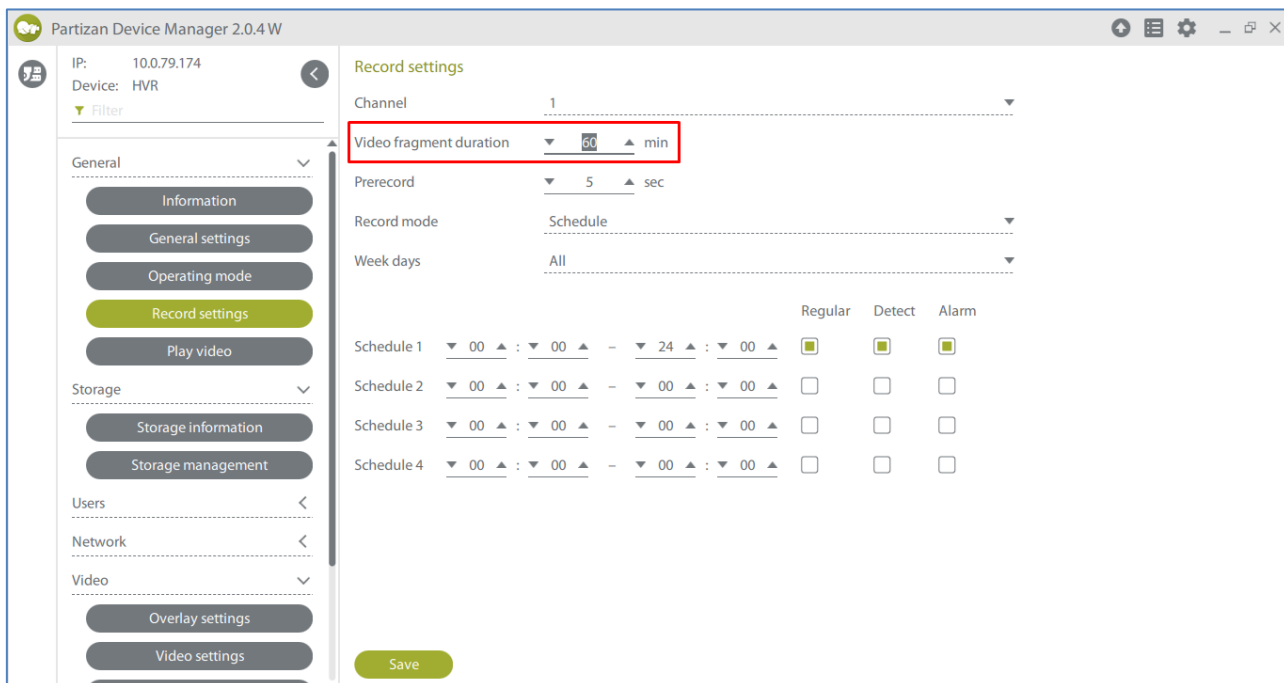
3. Open **Recording settings** menu item in the **General** tab.



The screenshot shows the Partizan Device Manager 2.0.4 W interface. On the left, the 'General' tab is selected, and the 'Record settings' menu item is highlighted with a red box. The main area displays the 'Record settings' configuration for Channel 1. The settings include: Video fragment duration (60 min), Prerecord (5 sec), Record mode (Schedule), and Week days (All). Below these, there are four schedule rows (Schedule 1 to Schedule 4) with time ranges and checkboxes for Regular, Detect, and Alarm recording.

	Regular	Detect	Alarm
Schedule 1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Schedule 2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Schedule 3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Schedule 4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

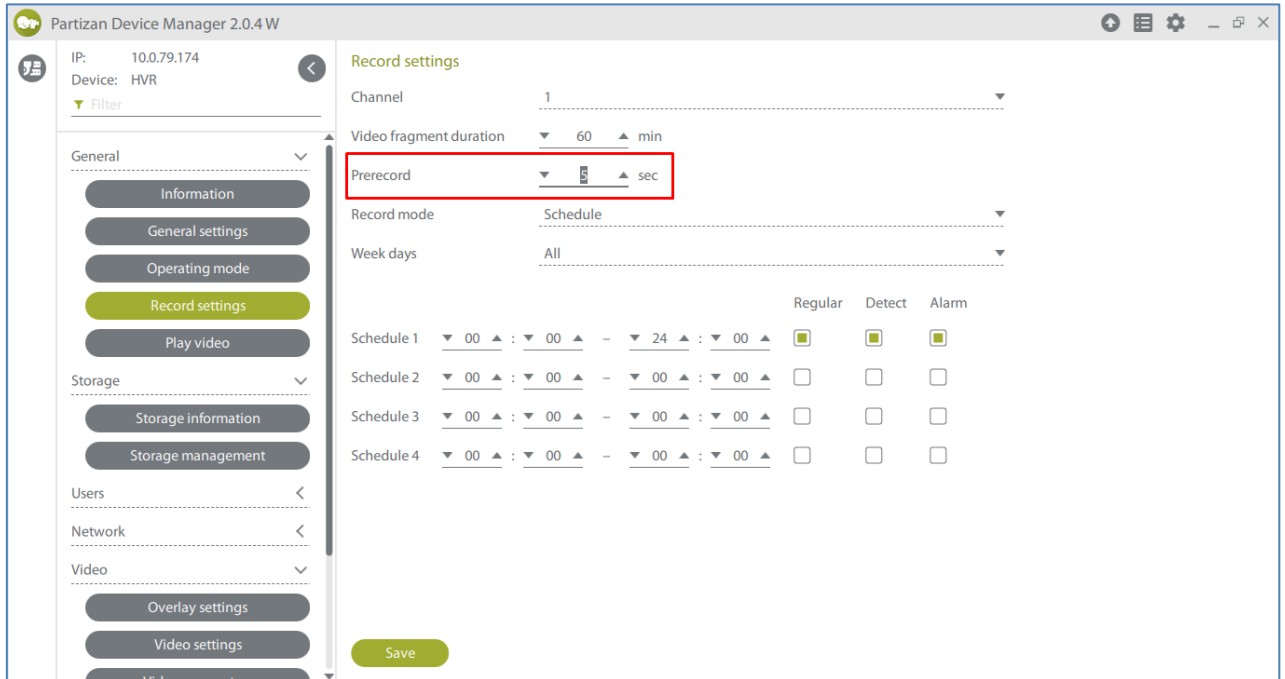
4. Set the recording file length in minutes in the **Video fragment duration** item.



The screenshot shows the Partizan Device Manager 2.0.4 W interface. On the left, the 'Record settings' menu item is highlighted with a red box. The main area displays the 'Record settings' configuration for Channel 1. The 'Video fragment duration' is set to 60 min, which is also highlighted with a red box. The other settings remain the same as in the previous screenshot.

	Regular	Detect	Alarm
Schedule 1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Schedule 2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Schedule 3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Schedule 4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

5. Select the pre-recording time in **Pre-recording** item (this is the time which will be recorded before the beginning of the movement if motion detection record is enabled).



Partizan Device Manager 2.0.4 W

IP: 10.0.79.174
Device: HVR

Filter

General

- Information
- General settings
- Operating mode
- Record settings**
- Play video

Storage

- Storage information
- Storage management

Users

Network

Video

- Overlay settings
- Video settings
- Video parameters

Record settings

Channel: 1

Video fragment duration: 60 min

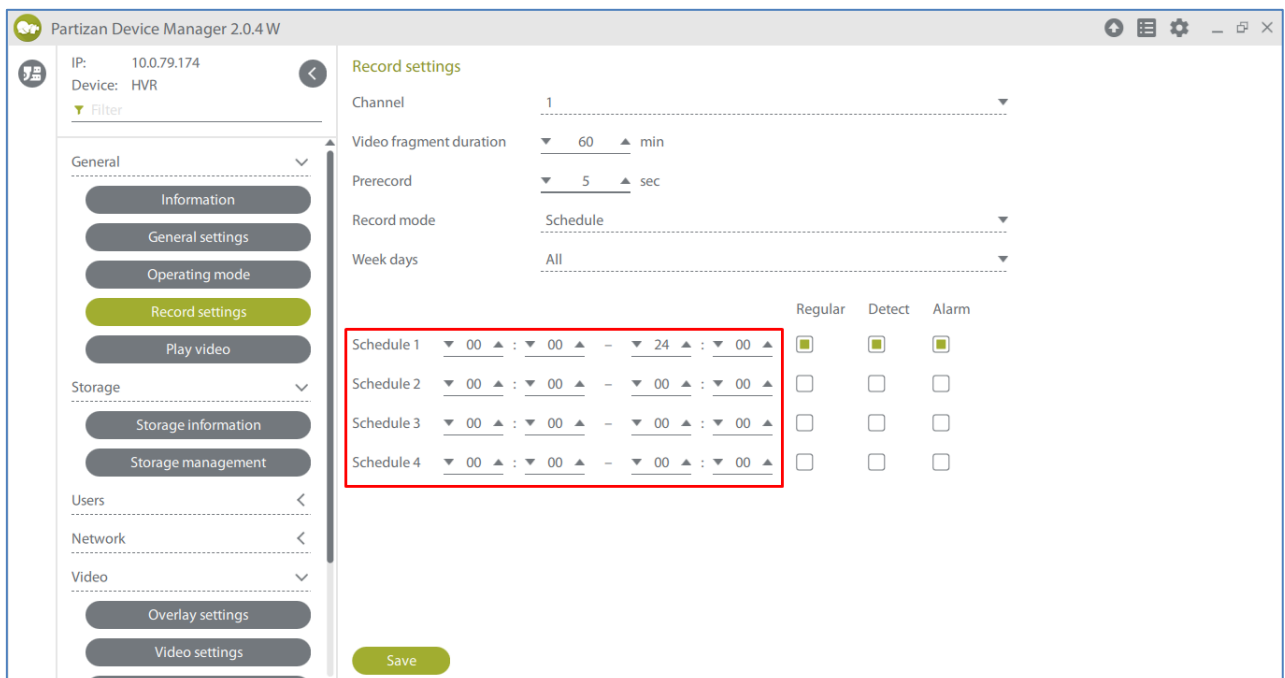
Prerecord: 5 sec

Record mode: Schedule

Week days: All

	Regular	Detect	Alarm
Schedule 1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Schedule 2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Schedule 3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Schedule 4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Save



Partizan Device Manager 2.0.4 W

IP: 10.0.79.174
Device: HVR

Filter

General

- Information
- General settings
- Operating mode
- Record settings**
- Play video

Storage

- Storage information
- Storage management

Users

Network

Video

- Overlay settings
- Video settings
- Video parameters

Record settings

Channel: 1

Video fragment duration: 60 min

Prerecord: 5 sec

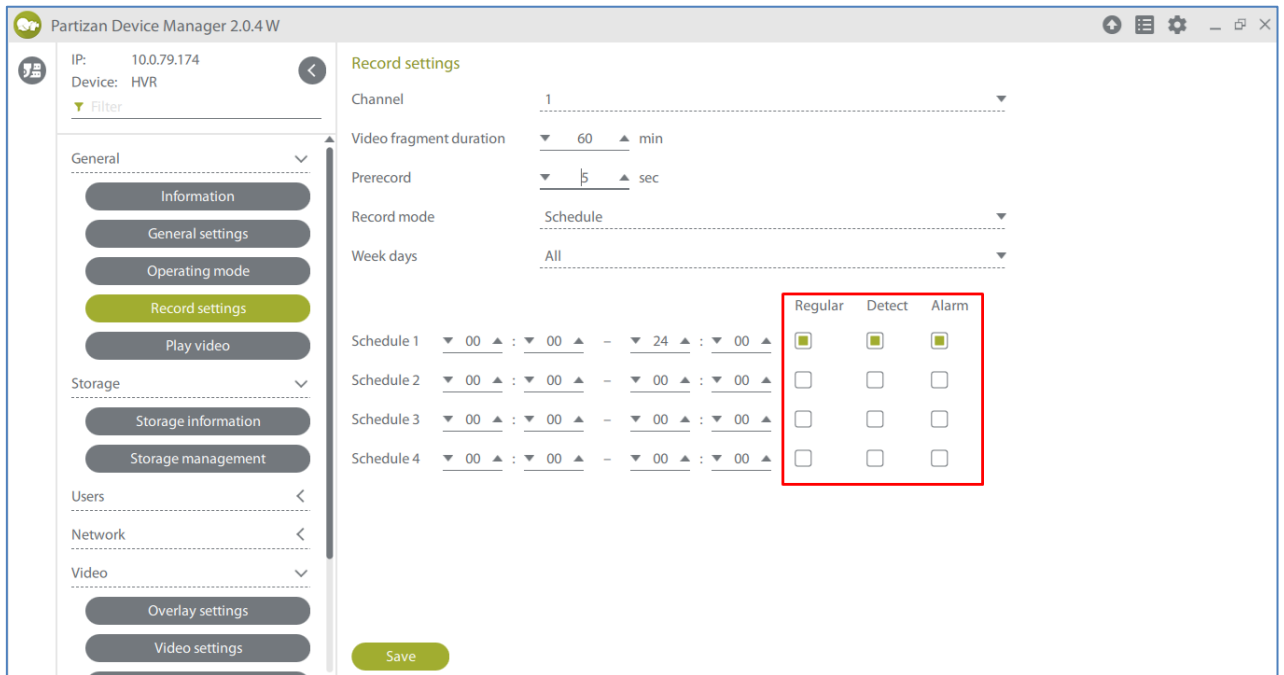
Record mode: Schedule

Week days: All

	Regular	Detect	Alarm
Schedule 1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Schedule 2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Schedule 3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Schedule 4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Save

- Choose the recording method – upon movement detection, constantly or by alarm.



The screenshot shows the 'Record settings' page in the Partizan Device Manager 2.0.4 W. The interface includes a sidebar with navigation options: General, Storage, Users, Network, and Video. The 'Record settings' section is active, displaying various configuration options for recording.

Record settings

Channel: 1

Video fragment duration: 60 min

Prerecord: 5 sec

Record mode: Schedule

Week days: All

Schedule settings table:

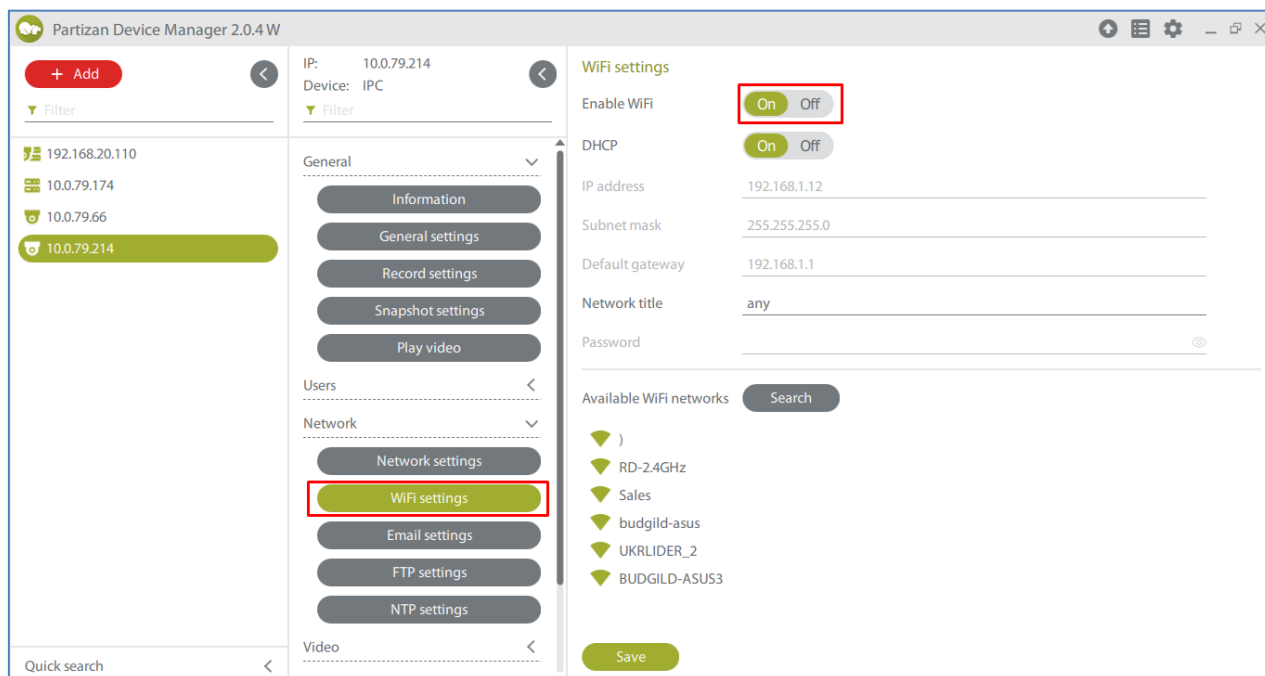
	Regular	Detect	Alarm
Schedule 1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Schedule 2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Schedule 3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Schedule 4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

The 'Regular', 'Detect', and 'Alarm' columns are highlighted with a red box, indicating the recording method selection options.

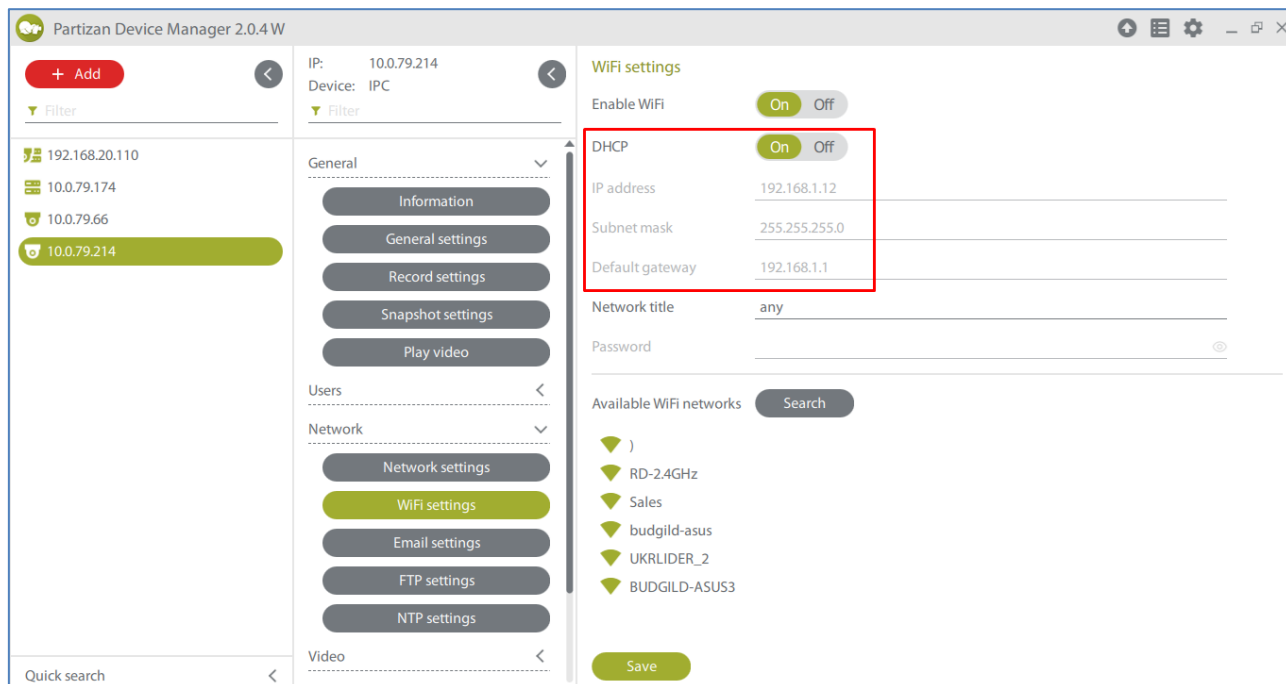
- The time period cannot be set in **Manual** and **Stop** modes.

WiFi connection configuration

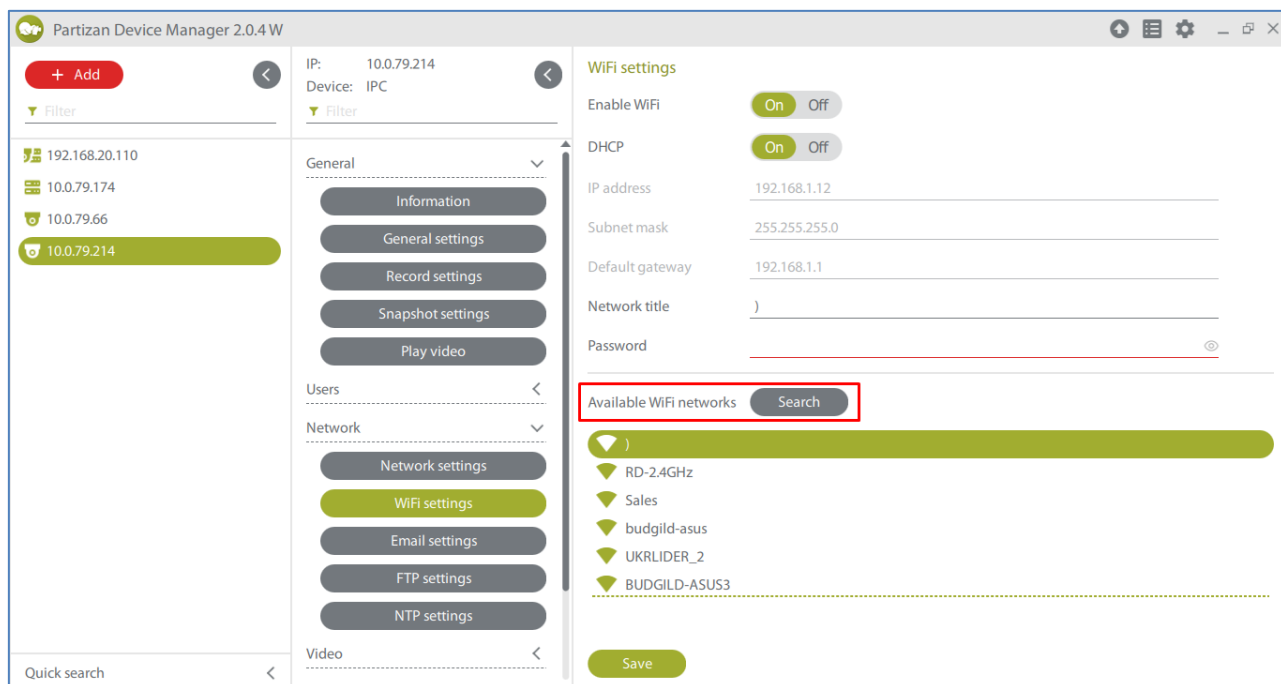
1. Select the «WiFi settings» menu item in the «Network» tab and switch On in the «Enable WiFi» field.



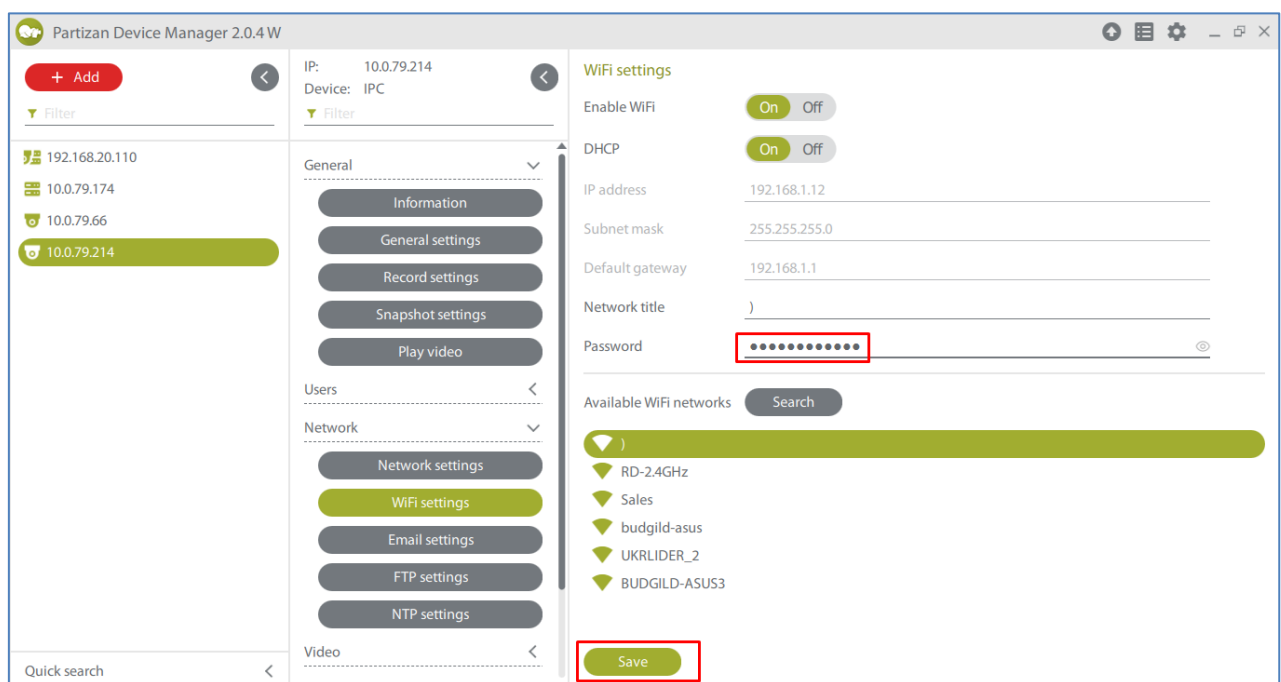
2. Configure the network settings manually or enable DHCP option.



3. Click on the «Search» button and select the correct network from the list of available ones.



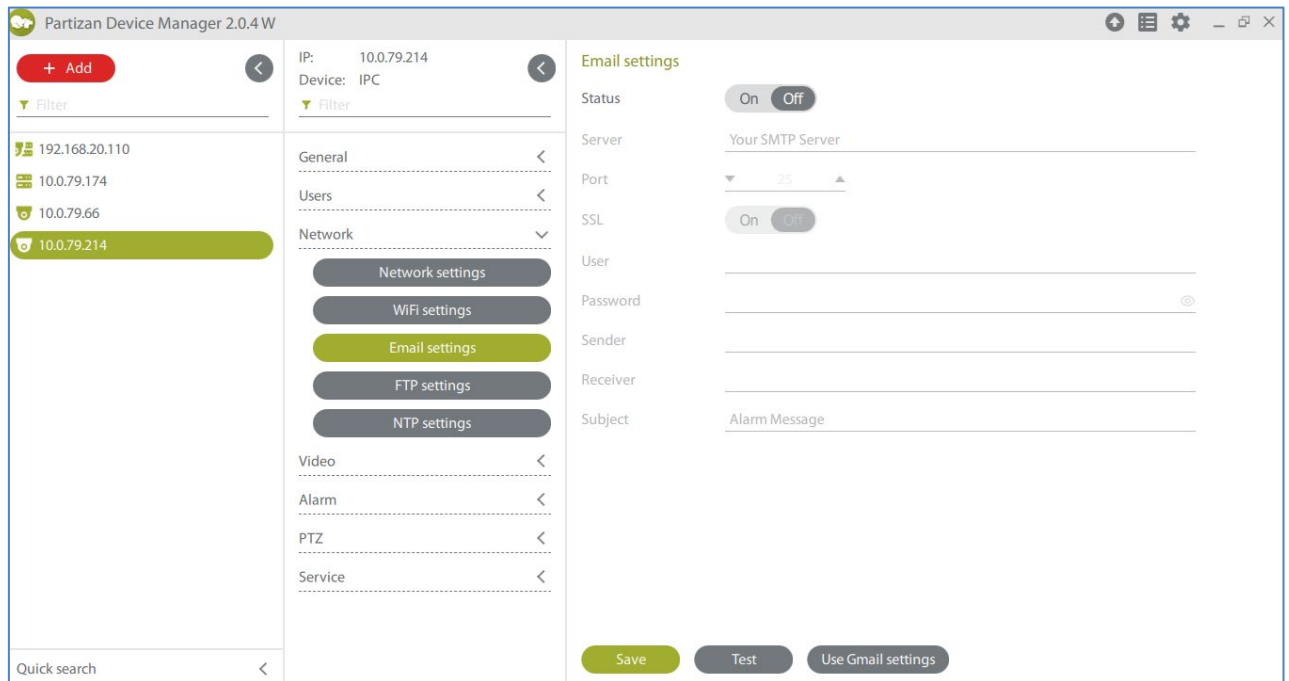
4. Enter the network password and click on the «Save» button.



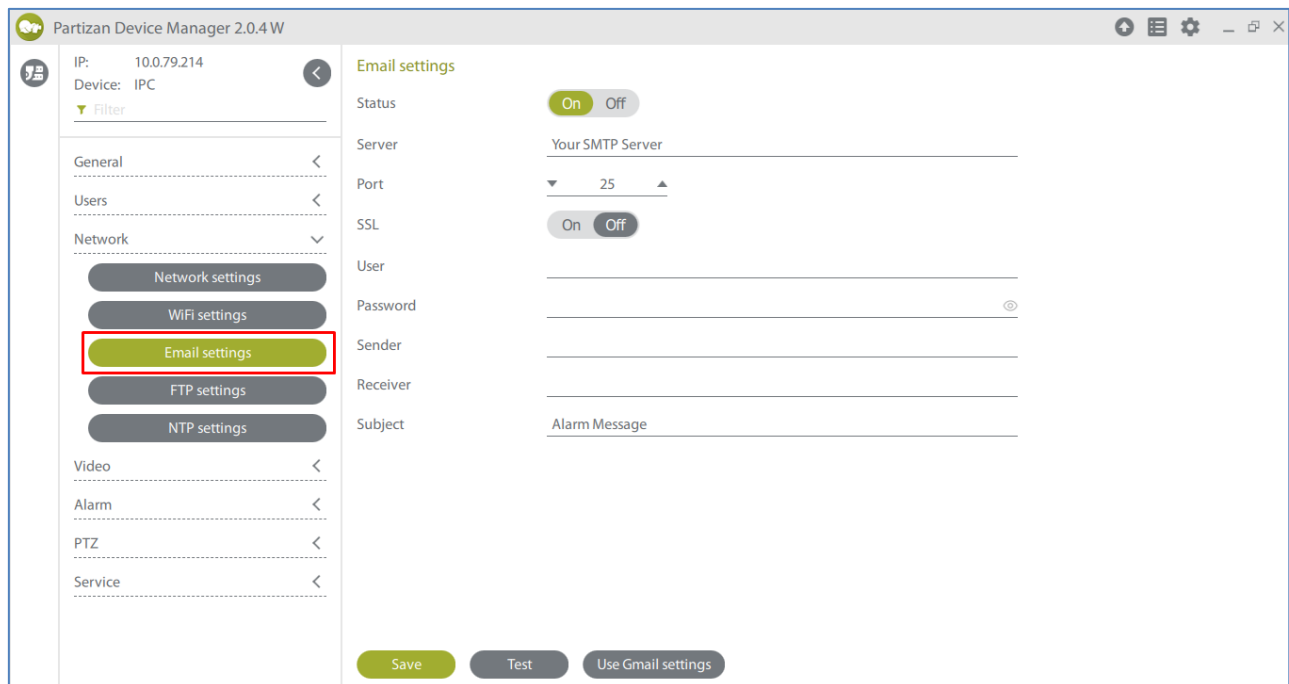
5. Disconnect the net cable from the camera and retry the device search.

Sending email notifications

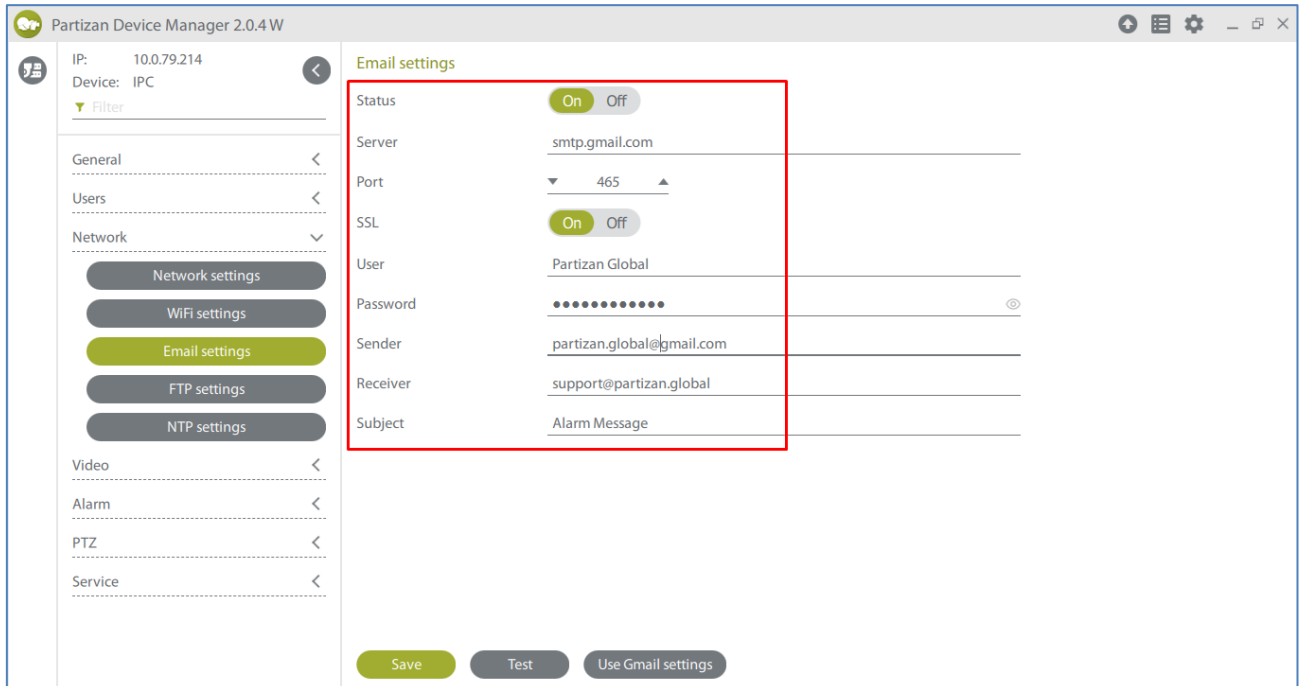
1. Using Partizan Device Manager getting into the menu of recorder or camera.



2. In the «Network» tab choose Email settings.



3. Set all parameters for Email server and save settings.



Partizan Device Manager 2.0.4 W

IP: 10.0.79.214
Device: IPC
Filter

General
Users
Network

Network settings
WiFi settings
Email settings
FTP settings
NTP settings

Video
Alarm
PTZ
Service

Email settings

Status: On Off
Server: smtp.gmail.com
Port: 465
SSL: On Off
User: Partizan Global
Password:
Sender: partizan.global@gmail.com
Receiver: support@partizan.global
Subject: Alarm Message

Save Test Use Gmail settings

Status – displays if the service is on or off

Server – server for outgoing emails

Port – port for mail server for outgoing emails

SSL – access encryption to the mail server

Sender – name of the sender to be displayed once email is received

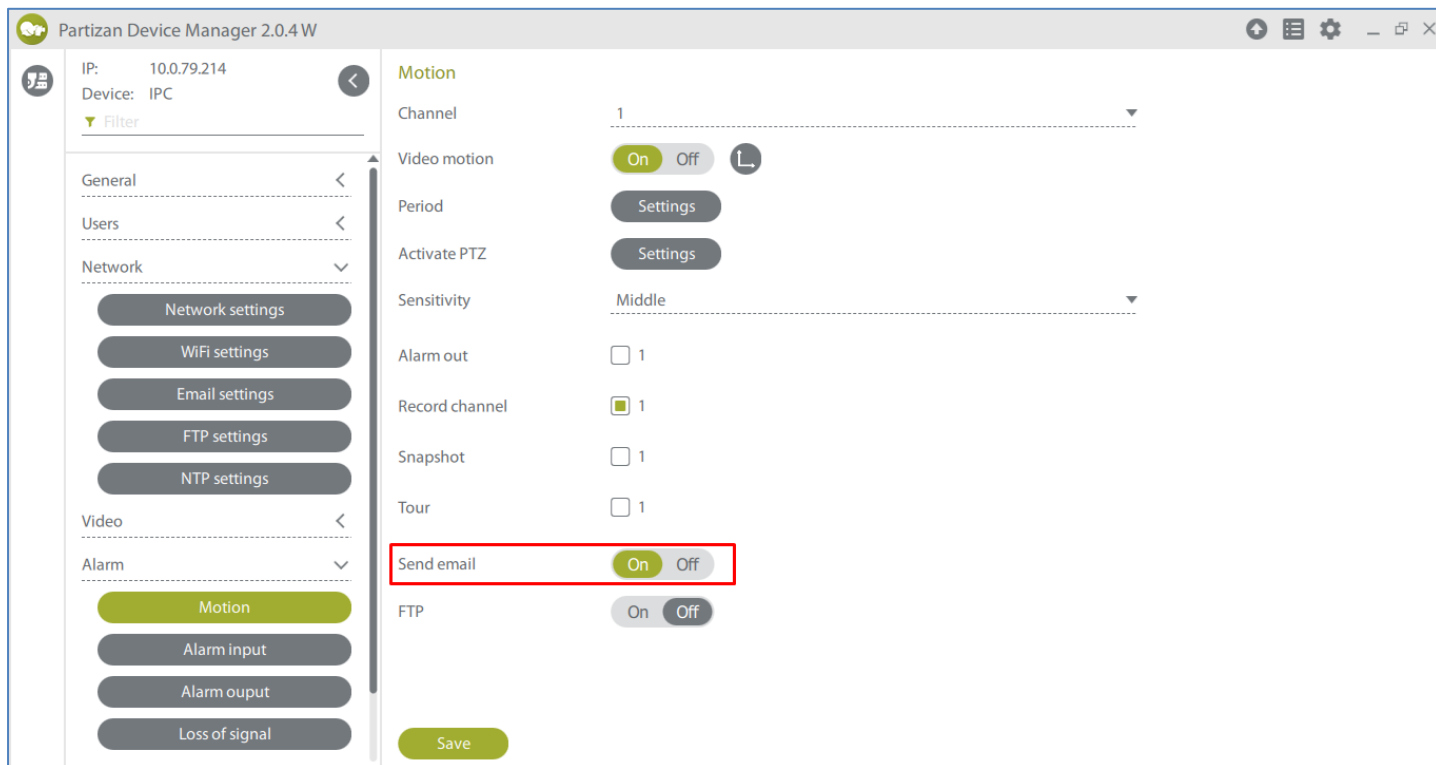
User – login for mail server authorization

Password – password for mail server authorization

Receiver – an email address to receive alarm notifications

Subject – the subject of an email

4. Next, in the «Alarm» tab choose «Motion». Activate «Send email» and save settings.

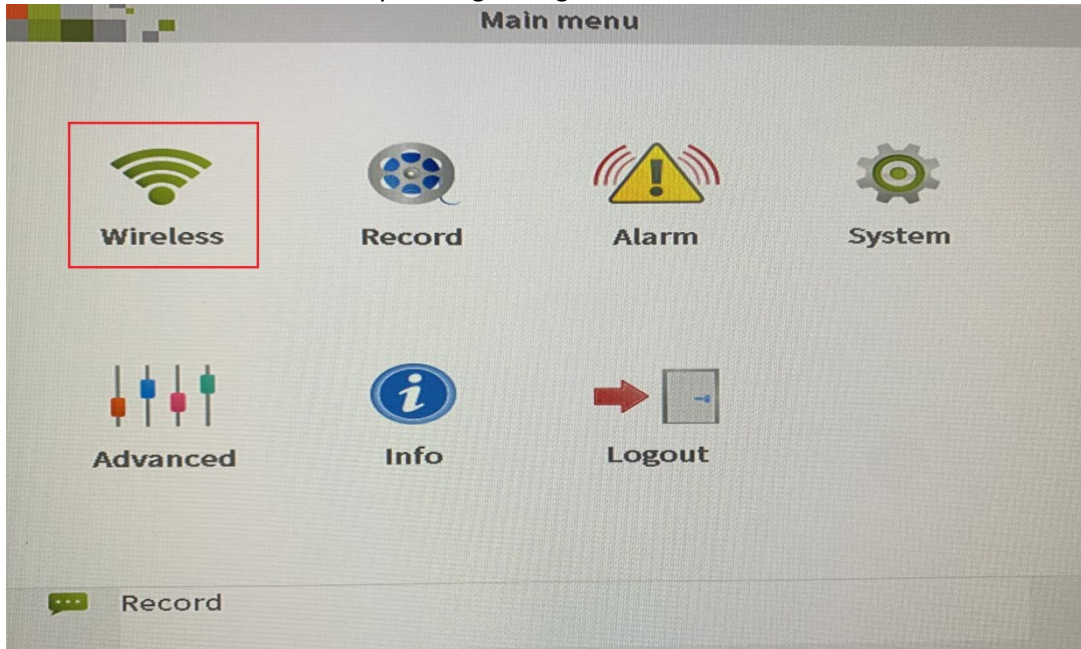


The screenshot displays the 'Partizan Device Manager 2.0.4 W' web interface. On the left, a sidebar contains navigation tabs: General, Users, Network, Video, and Alarm. The 'Alarm' tab is selected and expanded, showing sub-options: Motion (highlighted in green), Alarm input, Alarm output, and Loss of signal. The main content area is titled 'Motion' and shows settings for Channel 1. The 'Send email' option is set to 'On' and is highlighted with a red rectangle. Other settings include Video motion (On), Period (Settings), Activate PTZ (Settings), Sensitivity (Middle), Alarm out (checkbox), Record channel (checkbox), Snapshot (checkbox), Tour (checkbox), and FTP (On/Off). A 'Save' button is located at the bottom.

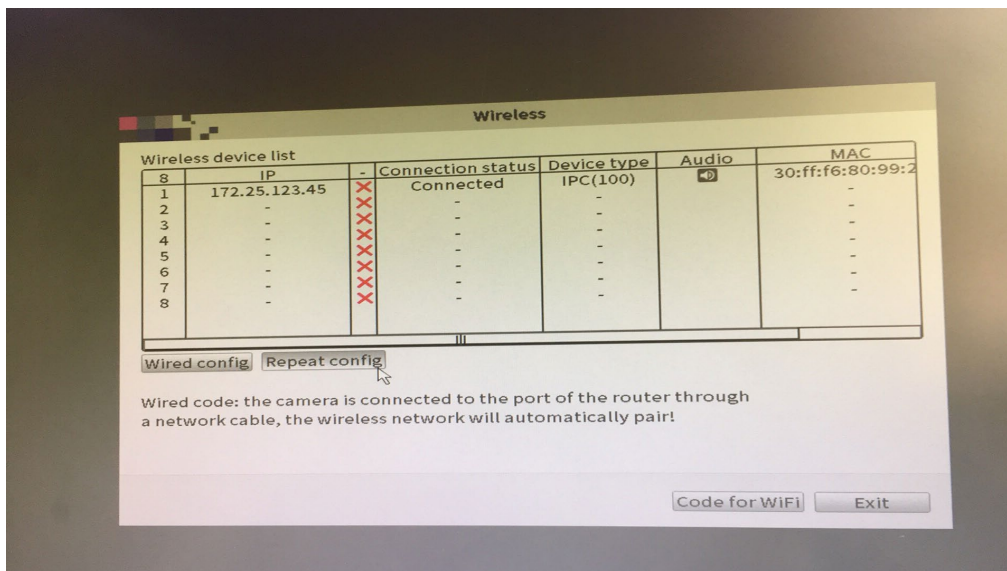
Setting	Value
Channel	1
Video motion	On
Period	Settings
Activate PTZ	Settings
Sensitivity	Middle
Alarm out	<input type="checkbox"/>
Record channel	<input checked="" type="checkbox"/>
Snapshot	<input type="checkbox"/>
Tour	<input type="checkbox"/>
Send email	On
FTP	On

Adding Wi-Fi IP CCTV cameras

Connect the added CCTV camera to the local network of the NVR using a patch cord.
Then activate the main menu by clicking the right mouse button. Go to the "Wireless" menu.

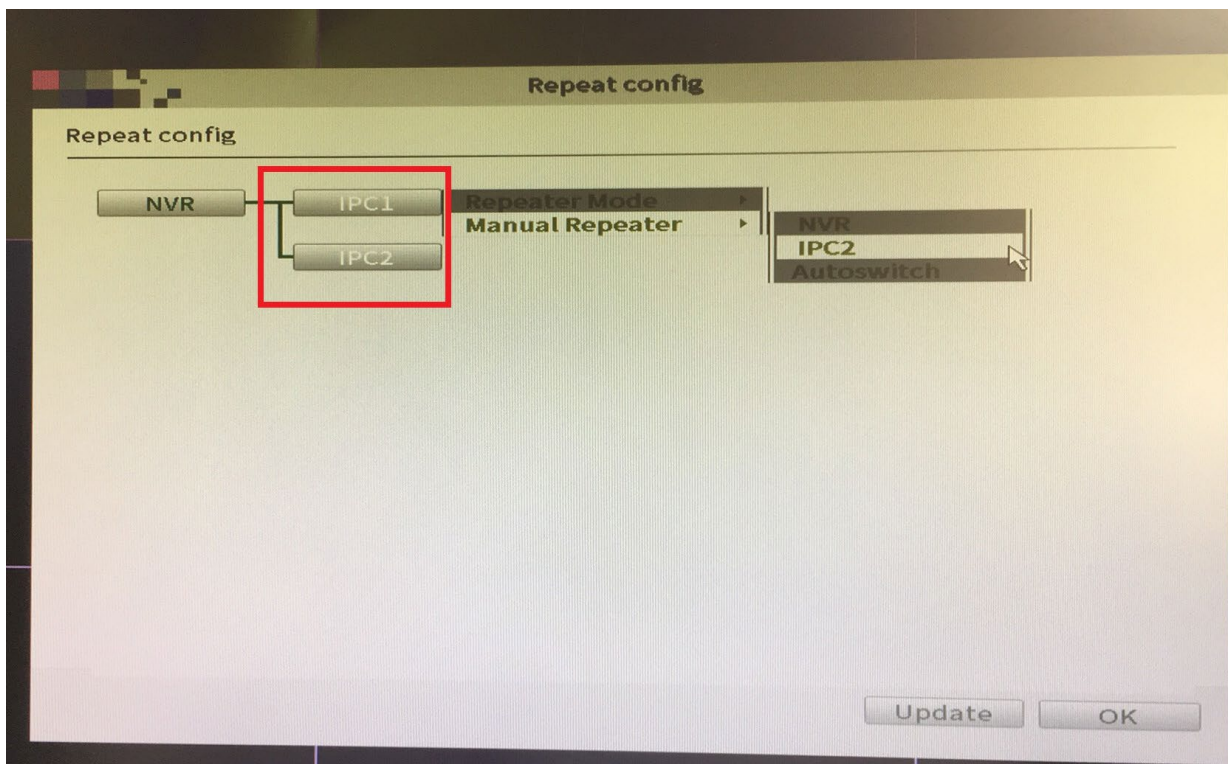
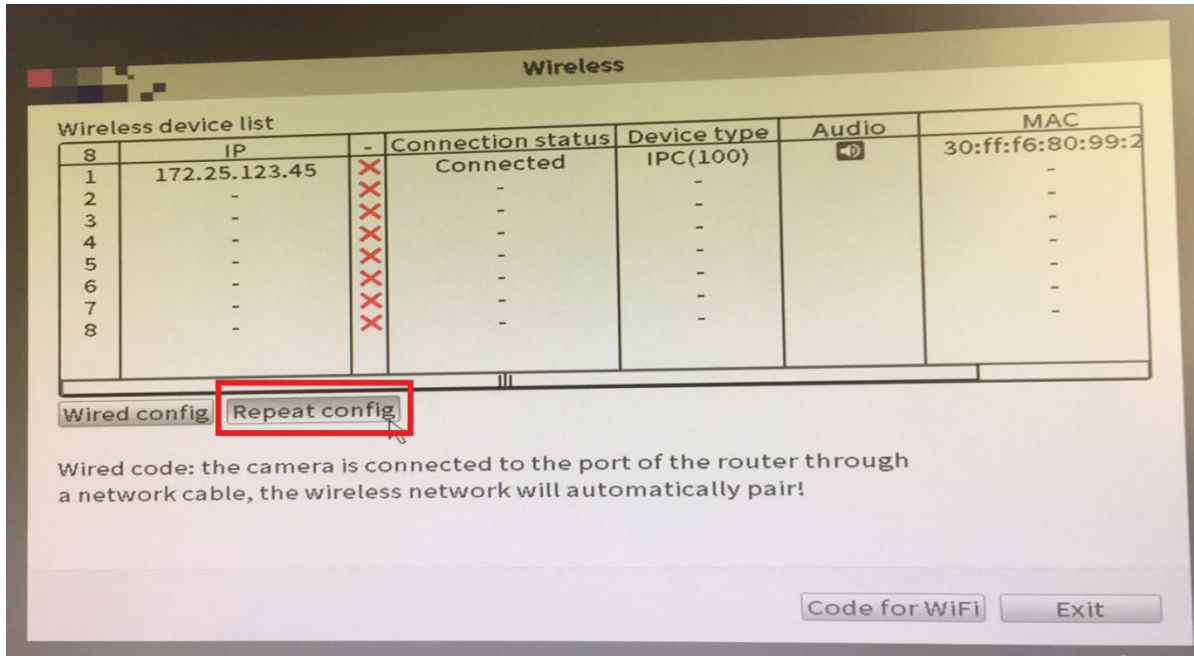


"New CCTV camera" will appear in the device list. Double click on this "new CCTV camera" and it will automatically connect to the WiFi network of the recorder.

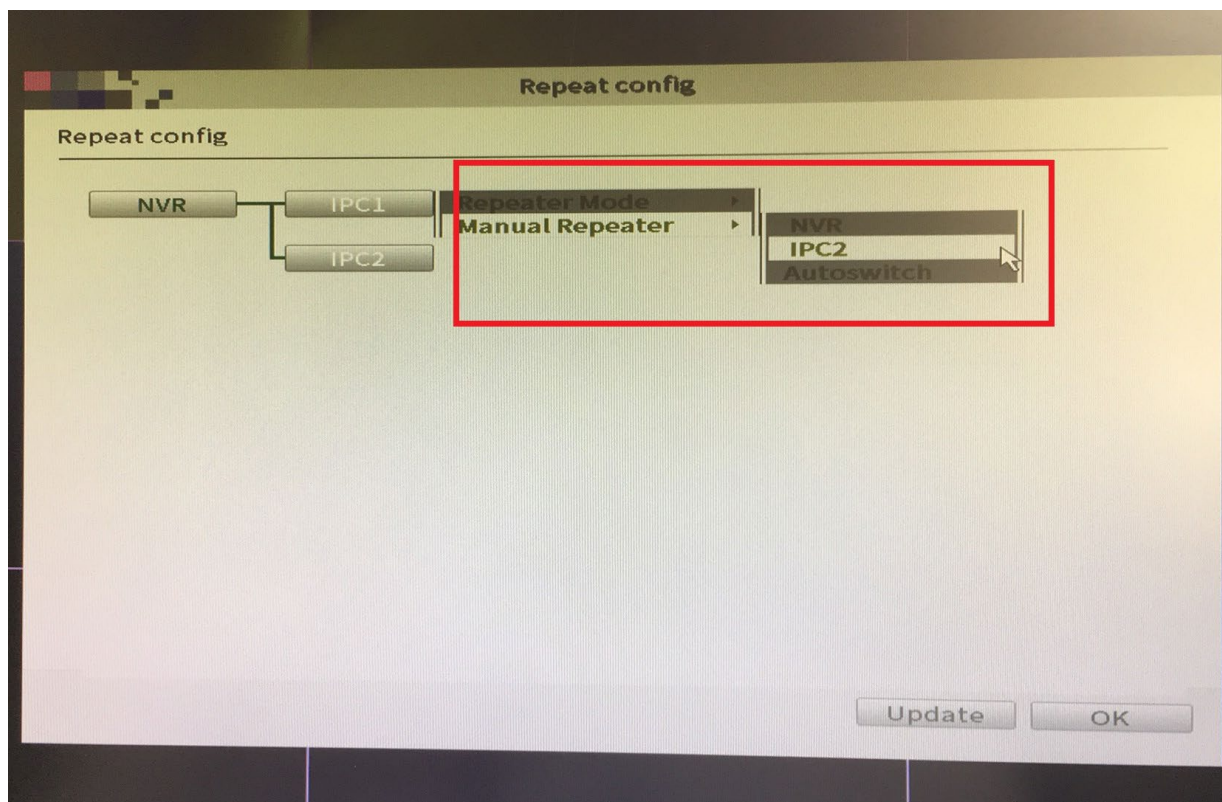


Wi-Fi repeater setup

Press "Repeat config" button in "Wireless" menu.



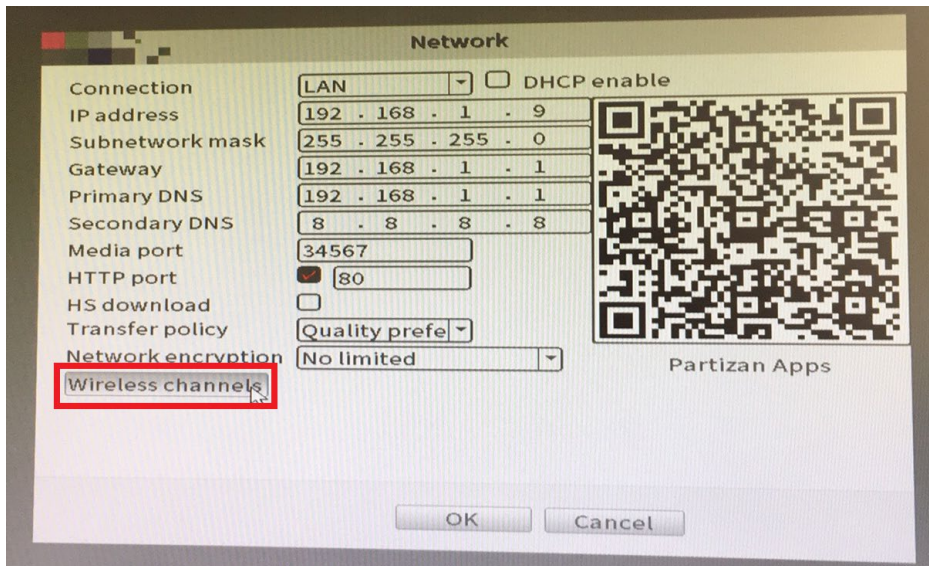
Select CCTV camera to be connected via a repeater.



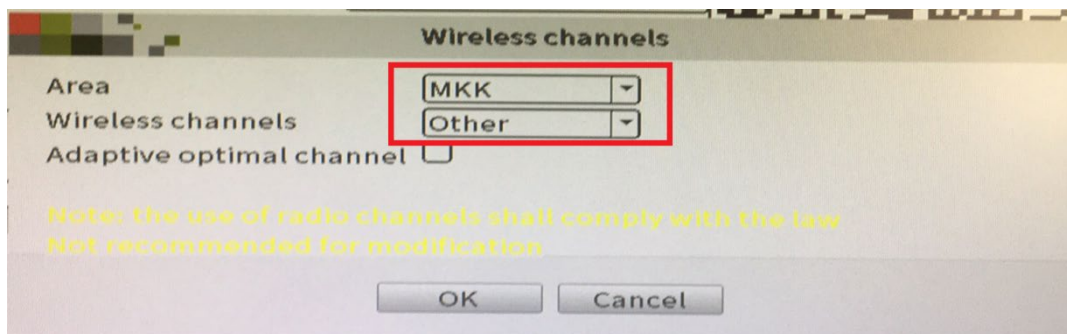
Press «OK» to complete.

Configuring Wi-Fi channel parameters

To configure the Wi-Fi frequency range according to the requirements of operation in the region, go to "Main menu" => "System" => "Network" and select "Wireless channels" tab



Select the parameters for your region in the window that appears.



Press «OK» to complete.

Technical support:

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Messengers: +420 777 054 888 (Viber, Telegram, WhatsApp)



Technical support working time:

<https://partizan.global/support/technical-support>



Partizan software:

<https://apps.partizan.global/>