Network video recorder (NVR) cloud

User manual

PARTIZAN™

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2026

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1. Safety instructions

- Use only the included power adapter.
- Do not block ventilation slots — keep at least 10 cm clearance on all sides.
- Do not expose the device to moisture, rain or direct sunlight.
- Power off before connecting or disconnecting cables.
- Keep out of reach of children.
- If smoke or unusual odor occurs, disconnect power immediately.
- Do not place the device on unstable surfaces — it may fall and cause injury.
- Do not attempt to repair or disassemble the device yourself — refer servicing to qualified personnel.
- In case of a lightning storm, disconnect the device from power and network.
- Do not install the device near heat sources such as radiators or ovens.
- Regularly inspect power cables for damage — do not use if frayed or damaged.
- The device is intended for indoor use only.
- Ensure the power outlet is easily accessible for quick disconnection in an emergency.
- When cleaning, use a dry cloth only — do not use liquid cleaners or aerosols.
- This device contains no user-serviceable parts inside.

2. Product overview

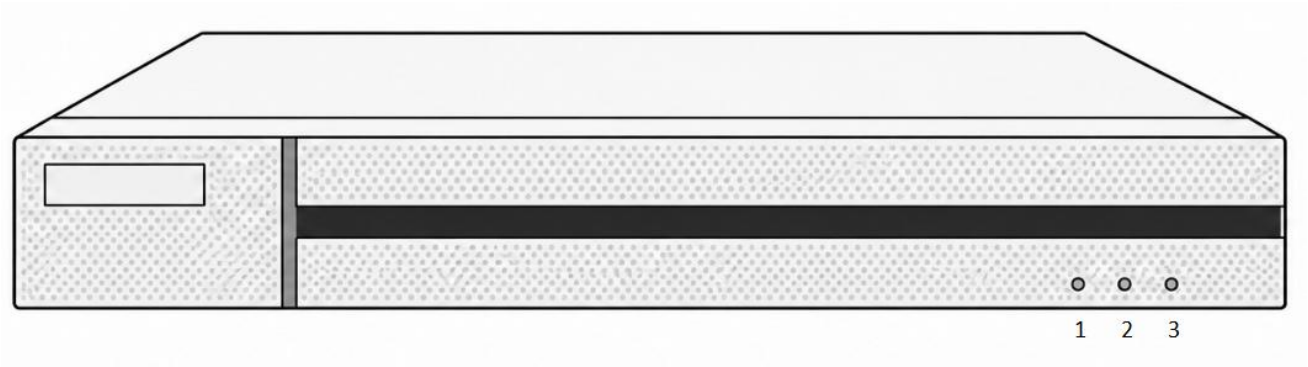


Fig.1. Front panel

1. Alarm LED (orange — alarm triggered)
2. Rec LED (red — recording in progress)
3. Power LED (green — device is powered on)

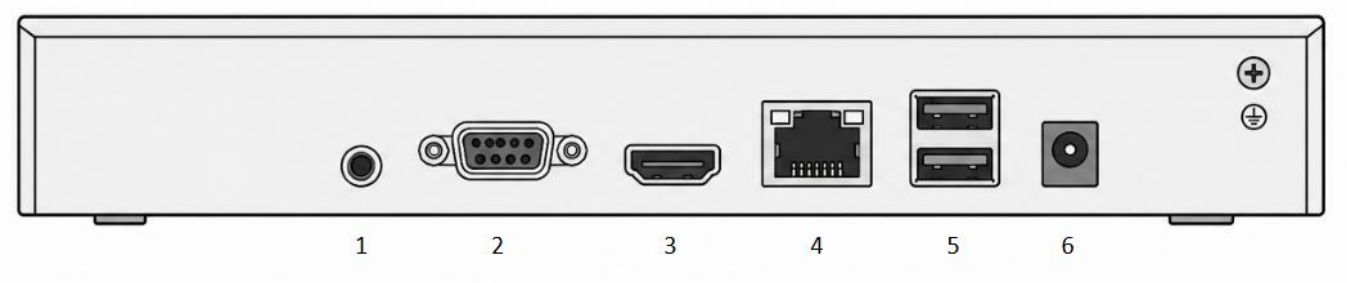


Fig.2. Rear panel

1. Audio out
2. VGA
3. HDMI
4. LAN
5. USB
6. DC 12V

*All physical interfaces shown in above pictures are for illustration purpose only. The interfaces in your actual product may vary with models.

3. Installation & connection

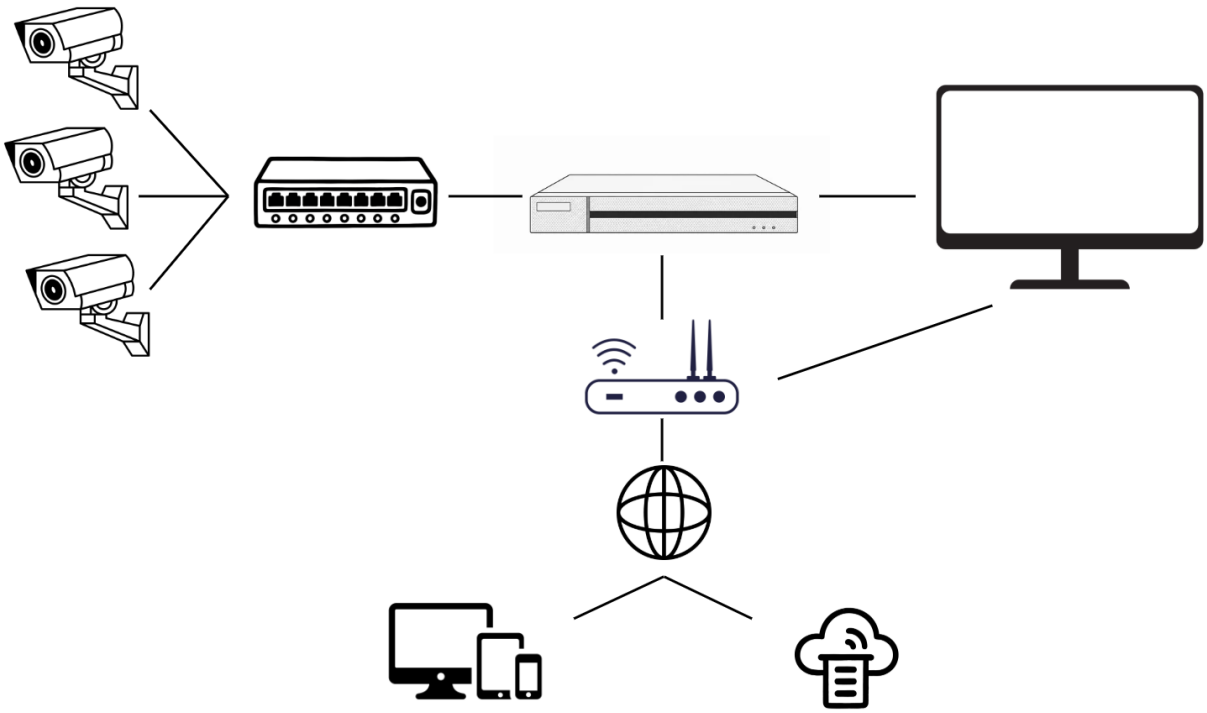


Fig.3. System connection diagram

Step-by-step connection

1. Place the NVR in a well-ventilated location. Do not stack objects on top.
2. Connect IP cameras to the same network switch or router as the NVR using Ethernet cables.
3. Connect the NVR to your router using the included network cable (LAN port → router LAN port).
4. Connect a monitor to the NVR via HDMI.
5. Connect the USB mouse to any USB port.
6. Connect the power adapter and press the power button. The NVR will boot (30–60 seconds).

4. Main menu overview

The main menu is the starting point for all NVR settings. Right-click anywhere on the live view screen to open the taskbar, then click the menu icon.

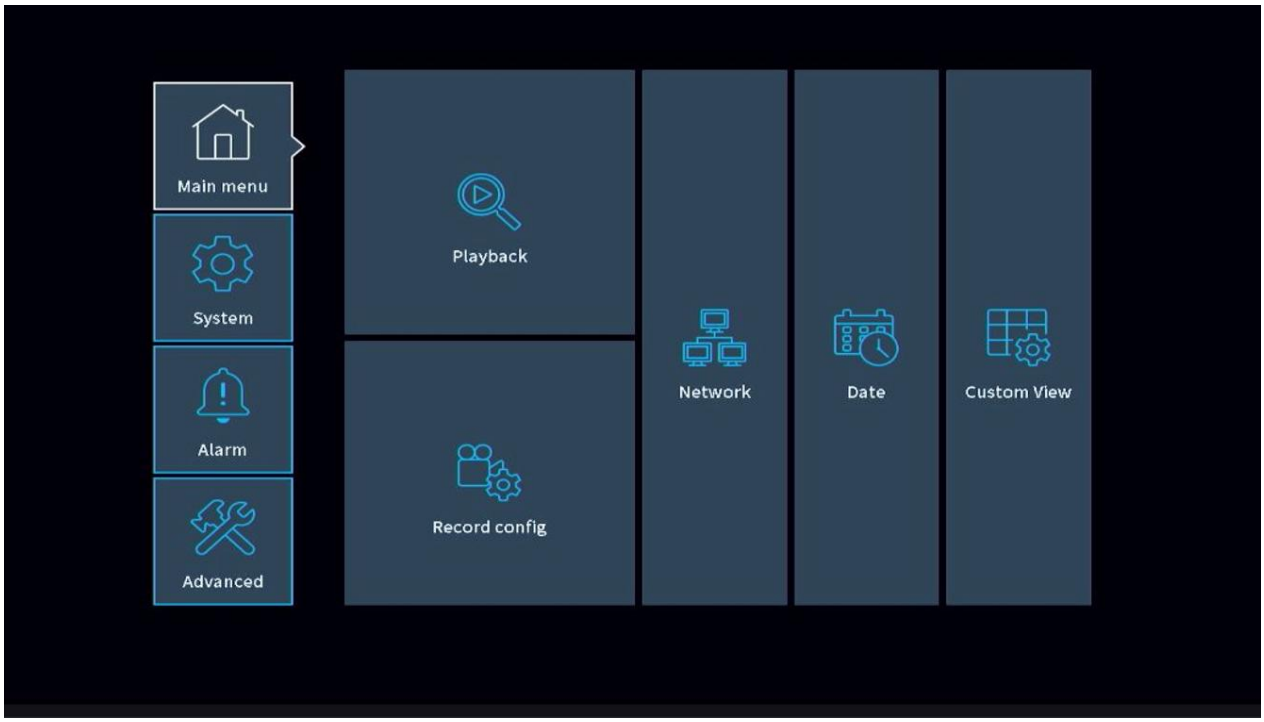


Fig.4. Main menu — home screen

Feature	Description
Main menu	Home screen — access all sections
Playback	Search and play recorded footage
Record config	Configure recording schedule and mode
Network	Network settings and mobile app QR code
Date	Set date, time and time zone
Custom view	Allows you to create a personalised multi-channel layout — merge and resize cells to match your monitoring setup.
System	Encoding, display, backup, user accounts
Alarm	Motion detection and alert settings
Advanced	Storage, firmware, logs and system tools

4.1. Right-click quick menu

Right-click anywhere on the live view screen to open the quick-access menu — the fastest way to navigate without opening the full Main menu.
To access the Setup Wizard, right-click anywhere on the live view screen. A quick-access menu will appear — select Quick set. The Setup Wizard will open, allowing you to search for cameras on your network and add them to the NVR.

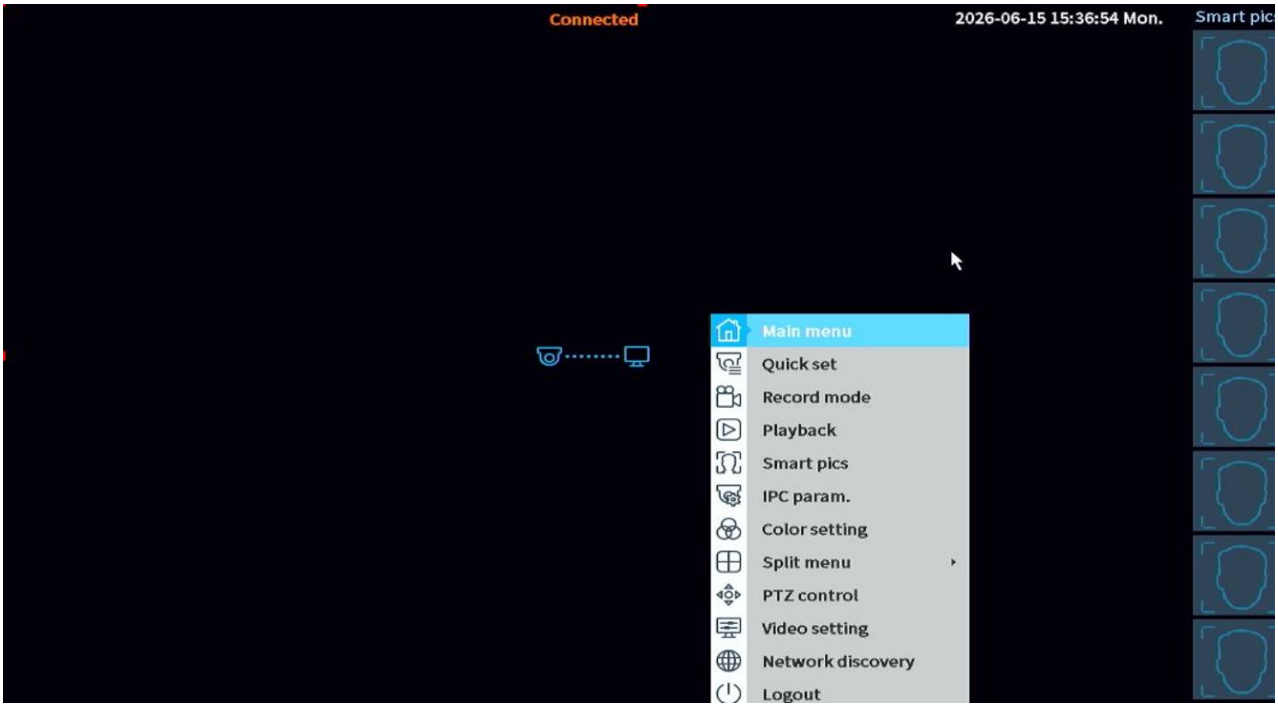


Fig.5. Right-click menu — full list of options

Feature	Description
Main menu	Open full settings menu
Quick set	Fast camera setup wizard
Record mode	Switch recording mode (Schedule / Manual / Disabled)
Playback	Open playback directly
Smart pics	View AI face detection snapshots
IPC param.	Adjust camera image parameters
Color setting	Adjust display colour settings
Split menu	Change screen layout (View 1 / 4 / 6 / 8 / 9 / 16 / Custom)

PTZ control	Open PTZ camera control panel
Video setting	Adjust screen display settings
Network discovery	Network diagnostic tool
Logout	Log out of the current user session

4.2. Split menu

The Split menu controls how many camera channels are displayed simultaneously on screen. Select a layout, then click anywhere outside the menu to confirm. Use Lock screen to prevent accidental changes.

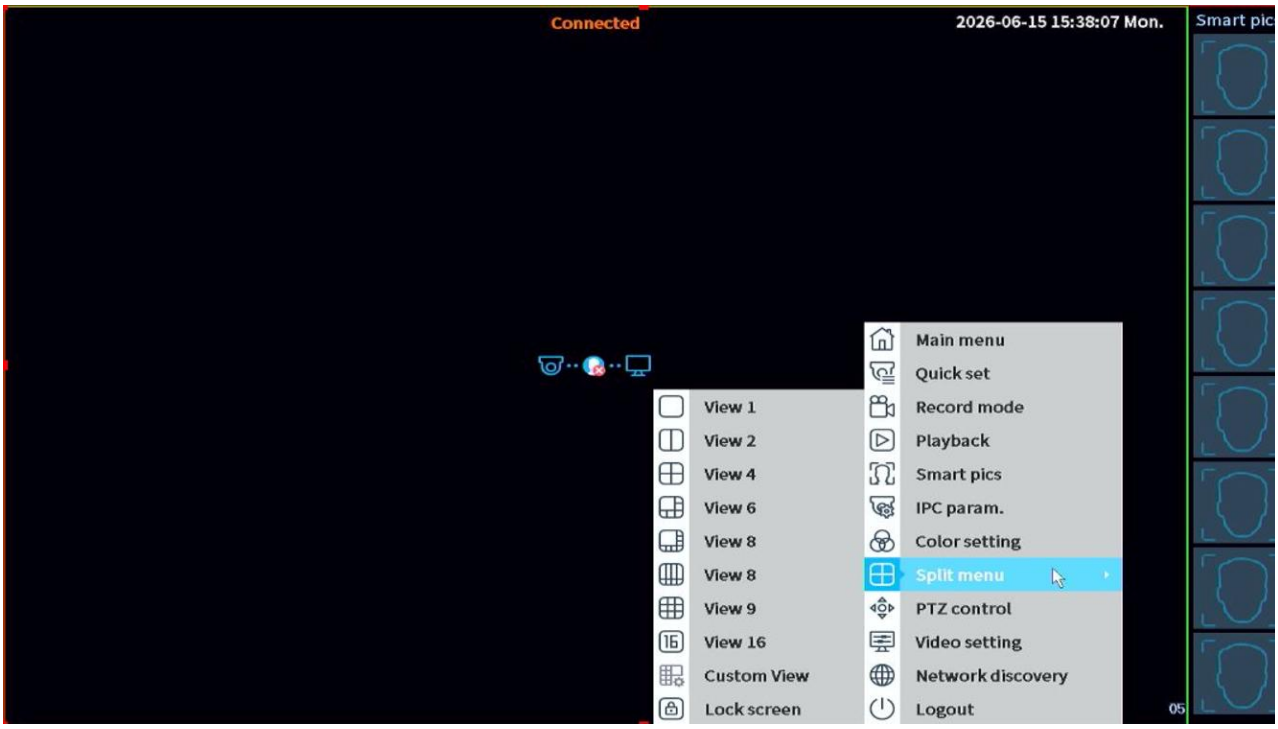


Fig.6. Split menu — choose number of channels displayed

Feature	Description
View 1	Single channel full screen
View 4	2×2 grid
View 6	1 large + 5 small
View 8	1 large + 7 small
View 9	3×3 grid
View 16	4×4 grid
Custom View	Define your own layout — merge and split cells freely
Lock screen	Locks the live view display to prevent accidental layout changes. A password is required to unlock.

4.3. Custom view

Custom View lets you design your own screen layout — choose which channels to display, set the grid size, and merge or split cells freely. Click Quick set to apply the layout automatically, then Exit to save.

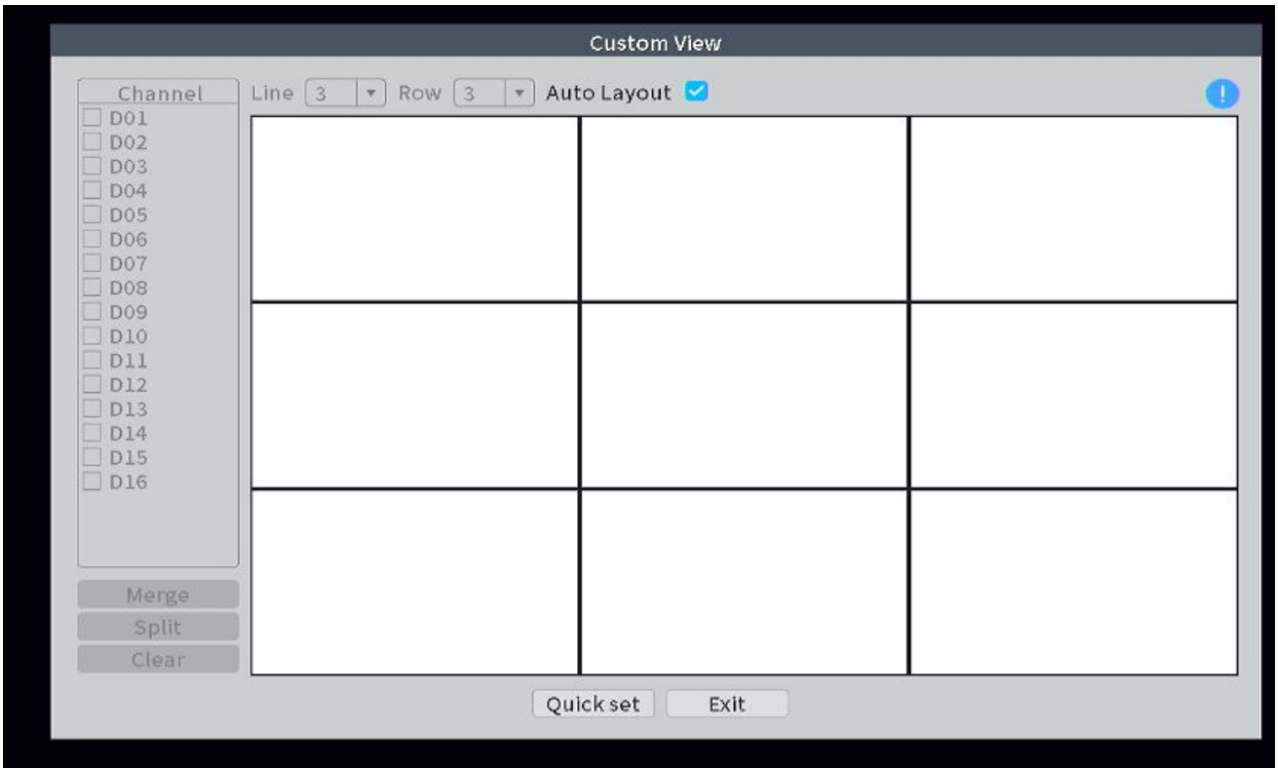


Fig.7. Custom View — configure channel layout

Feature	Description
Channel list	Select channels (D01–D16) to include
Line / Row	Set grid dimensions
Auto Layout	Automatically fill grid with selected channels
Merge	Merge selected cells into one larger display area
Split	Split a merged cell back into individual cells
Clear	Reset layout to default
Quick set	Automatically assigns all selected channels to the grid in order, filling the layout from top-left to bottom-right.

4.4. Video Setting

Video Setting adjusts how the NVR output appears on the connected monitor. Fine-tune screen margins and audio volume, and choose a display preset. Click OK to save or Restore to reset to defaults.

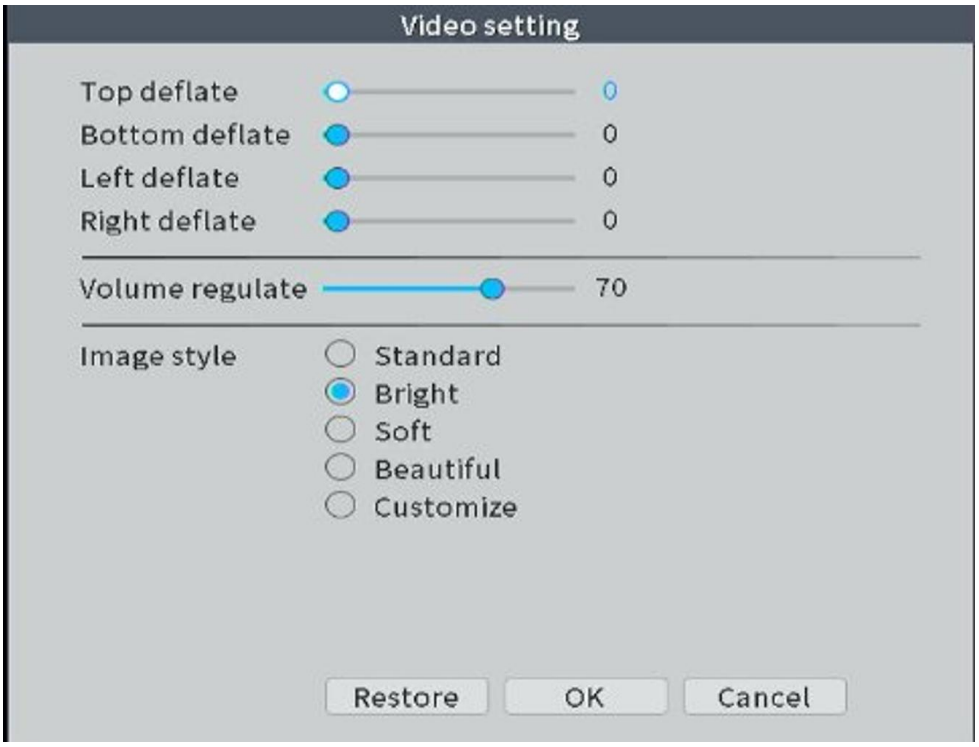


Fig.8. Video setting — display and image style

Feature	Description
Top/Bottom/Left/Right deflate	Adjust screen edge margins (crop overscan)
Volume regulate	Adjust audio output volume (0–100)
Image style	Standard / Bright / Soft / Beautiful / Customize — display preset
Restore	Resets all Video setting values (deflate and volume) to their factory defaults.
OK	Saves the current Video setting changes and closes the window.
Cancel	Closes the window without saving any changes.

5. Network setup

5.1. Network settings

Configure the network connection so the NVR can be accessed remotely via the mobile app and send alerts. Enter the network parameters below and click OK to save. If DHCP is enabled, the IP address is assigned automatically.

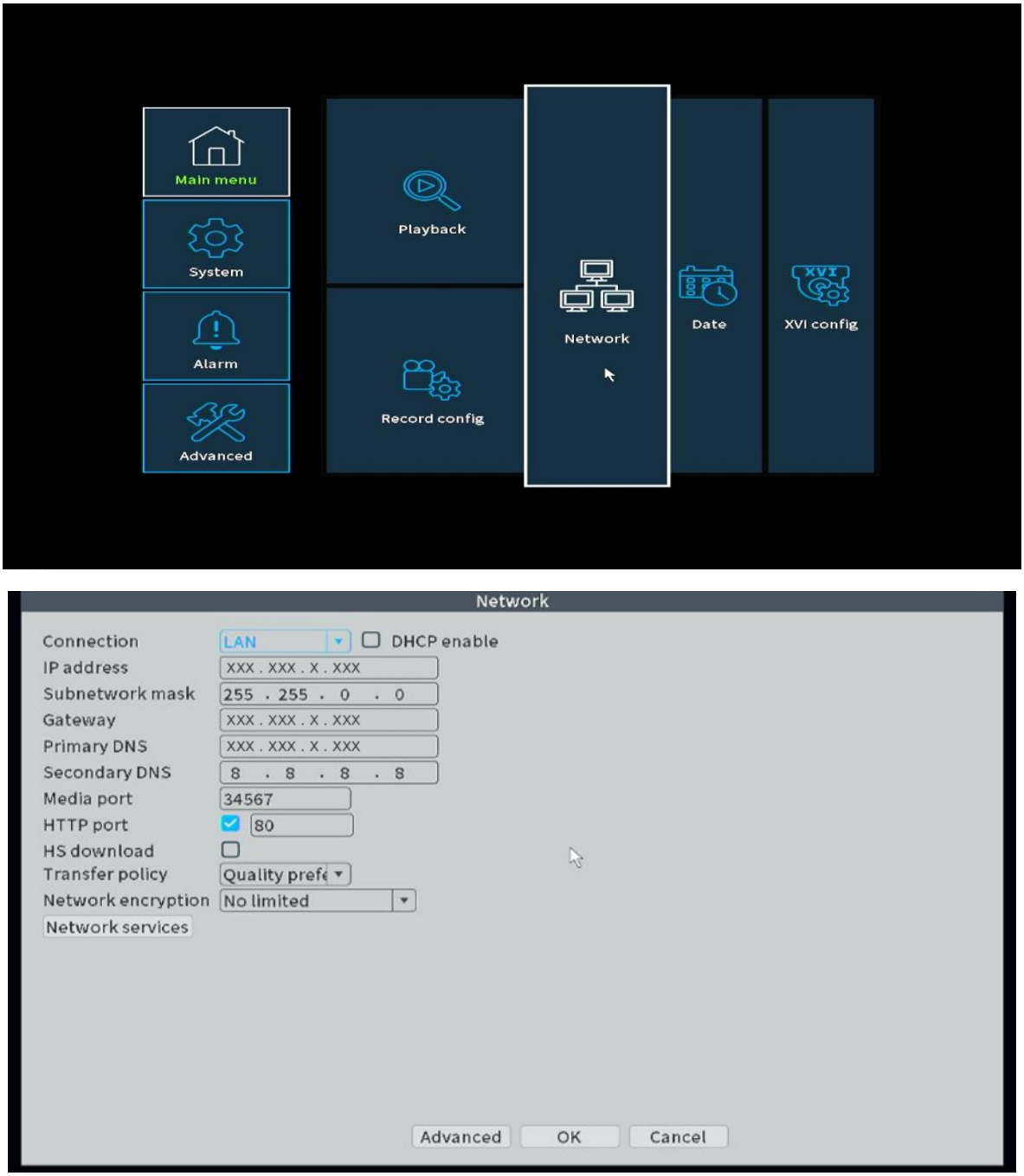


Fig.9. Network settings

Feature	Description
Connection	LAN (wired Ethernet) — recommended.
DHCP enable	Tick to get IP address automatically from router (recommended).
IP address	Assigned automatically if DHCP is on; or set manually.
Subnetwork mask	Typically 255.255.0.0 or 255.255.255.0.
Gateway	Your router's IP address.
Primary DNS	Use 192.168.1.1 or 8.8.8.8.
Secondary DNS	Backup DNS — 8.8.8.8.
Media port	Default 34567 — used by mobile app.
HTTP port	Default 80 — used for web browser access.
HS download	High-speed download mode — when enabled, prioritises download throughput over upload. Disable if remote viewing is slow.
Transfer policy	Quality preferred — best image quality over speed.
Network encryption	No limited — or set encryption level if required.

5.2. Mobile app — QR code

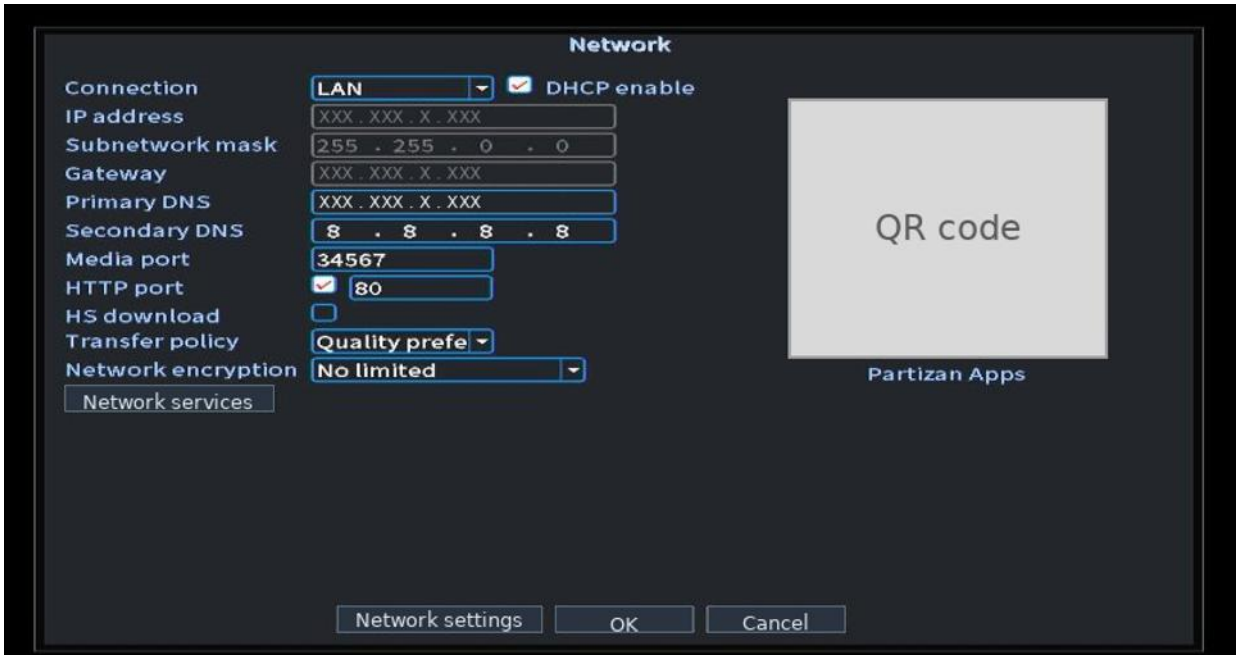


Fig.10. Network settings with QR code for mobile app

The QR code shown on the right side of the Network screen links to the Partizan Apps mobile app. Scan it with your phone to download the app and automatically add this NVR.

Platform	Resource
PC (Windows 64-bit / macOS Intel & Apple Silicon / Ubuntu 24.04)	https://my.partizancloud.com/login
Android, IOS	https://my.partizancloud.com/login

5.3. Network discovery

Network Discovery tests the connection from the NVR to the internet and mobile app. Select a tab at the bottom to switch between Online user, Web Tool, Diagnosis and Network views.

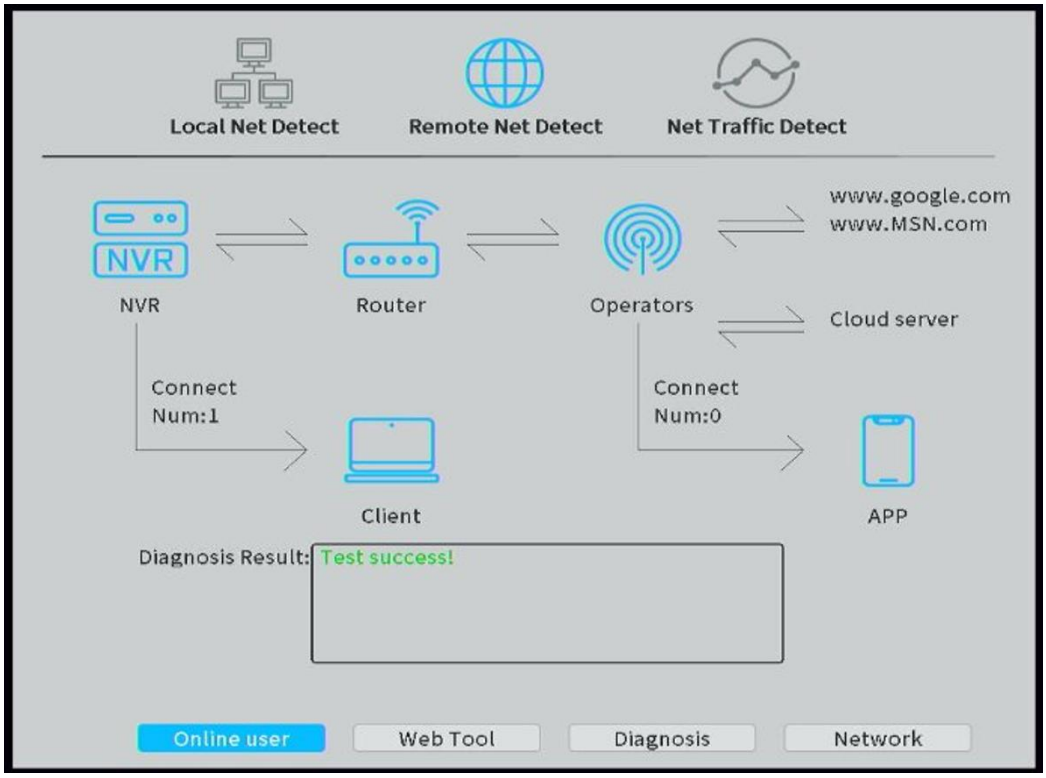


Fig.11. Network Discovery — connection diagram and diagnosis

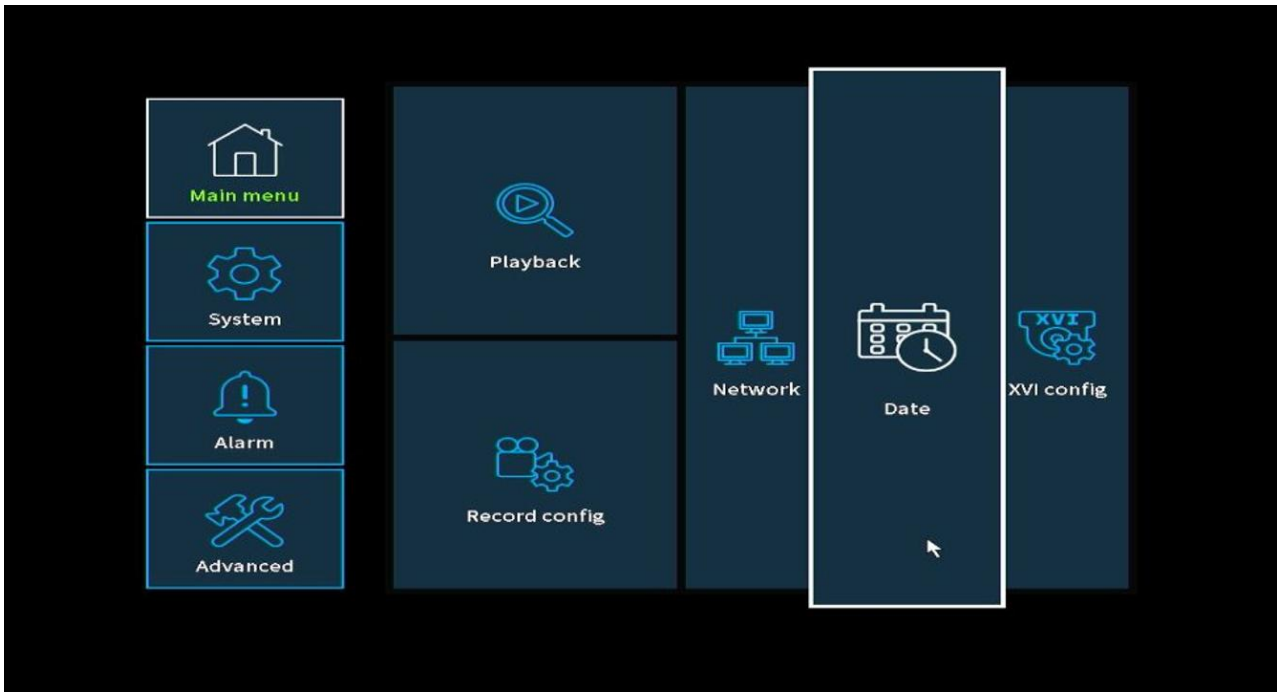
Network Discovery visually shows the connection path from the NVR to the internet and mobile app, and runs an automatic diagnosis.

Feature	Description
Local Net Detect	Tests connection: NVR → Router → Client
Remote Net Detect	Tests connection: NVR → Operators → Cloud server → APP
Net Traffic Detect	Monitors network bandwidth usage
Connect Num	Number of active connections at each point
Diagnosis Result	Shows 'Test success!' if all connections are working
Online user	View devices currently connected to the NVR

Web Tool	Run ping test to check connectivity to any address
Diagnosis	Run full automatic network diagnosis
Network	Jump to network settings

6. Date & time

Set the correct date, time and time zone before starting recording. Incorrect timestamps make footage difficult to search. Click OK to save or Default to reset to factory date/time settings.



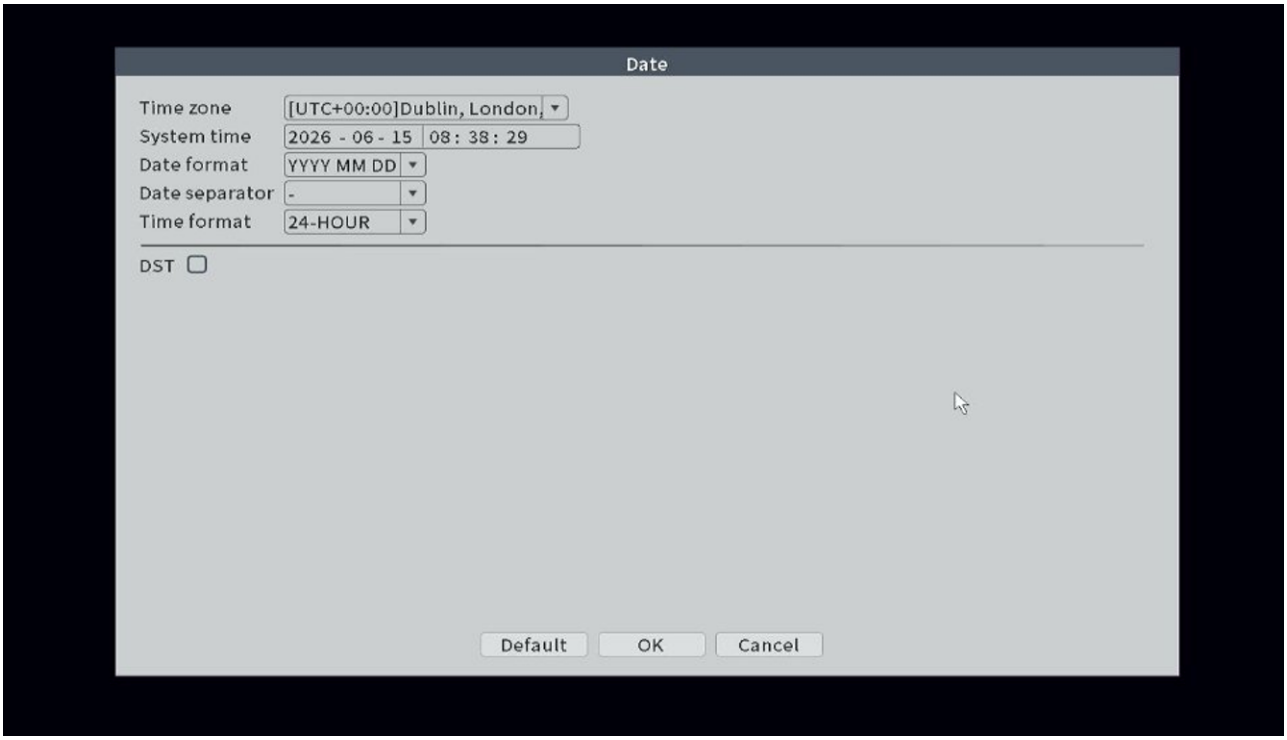


Fig.12. Date and time settings

Feature	Description
Time zone	Select your region from the dropdown.
System time	Set current date and time manually if not using NTP.
Date format	YYYY MM DD (or choose your preferred format).
Date separator	Choose separator character (-, /, space).
Time format	24-HOUR or 12-HOUR.
DST	Enable Daylight Saving Time if applicable in your region.
Default	Resets all Date and Time settings to factory defaults.

Note: Always set the correct time zone before starting recording. Incorrect time stamps make footage difficult to search later.

7. Adding IP cameras

Use the Setup Wizard to search for cameras on your network and add them to the NVR.

7.1. Setup Wizard — search

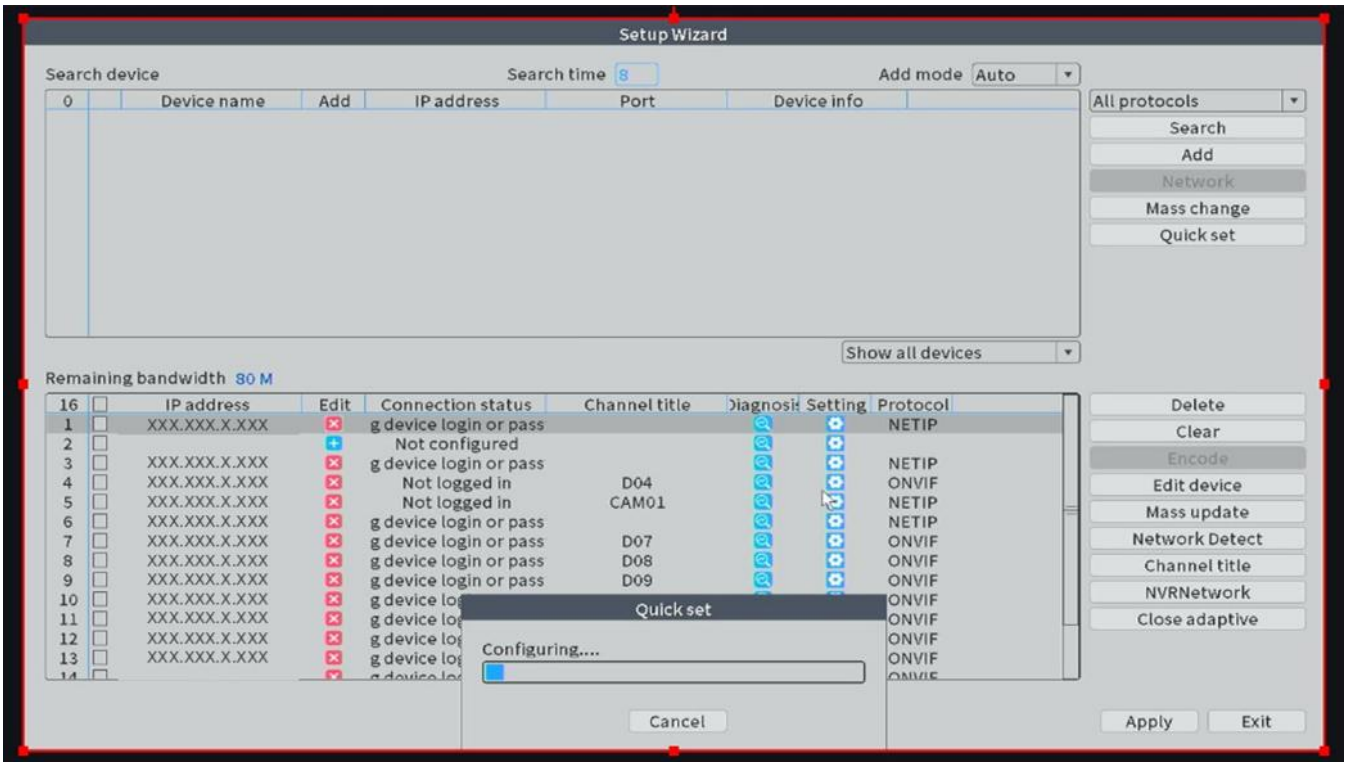


Fig.13. Setup Wizard — searching for cameras on the network

The top panel shows cameras found on the network. The bottom panel shows channels already configured on the NVR.

Feature	Description
Search	Scan the network for available IP cameras.
Add	Manually adds a selected camera from the search results list to a channel on the NVR.
Protocol	ONVIF (universal) or NETIP (manufacturer protocol).
Mass change	Changes the username and password for all selected cameras simultaneously — useful when cameras share default credentials.
Quick set	Auto-configure all found cameras with one click.
Delete	Removes the selected camera from the NVR channel list.

Clear	Removes all cameras from the channel list at once.
Edit device	Change camera IP, username, password manually.
Network detect	Check camera reachability.
Channel title	Sets a custom display name for the selected camera channel (e.g. "Front Door", "Parking").
NVRNetwork	Configures the NVR network settings directly from the Setup Wizard without leaving the camera management screen.
Close adaprive	Disables the adaptive bitrate feature — the NVR will no longer automatically reduce stream quality based on network conditions.
Connection status	'Not logged in' — wrong credentials; click Edit to fix Wrong device username or password — click the Edit icon to correct the camera credentials.

1. Click Search — wait for cameras to appear in the top list.
2. Select cameras by ticking the checkbox on the left.
3. Click Quick set — the NVR configures all selected cameras automatically.
4. If status shows 'g device login or pass', click the Edit icon and enter the correct camera credentials.
5. Click Apply then Exit.

8. Live view

After cameras are added, the live view screen shows feeds from all connected cameras.

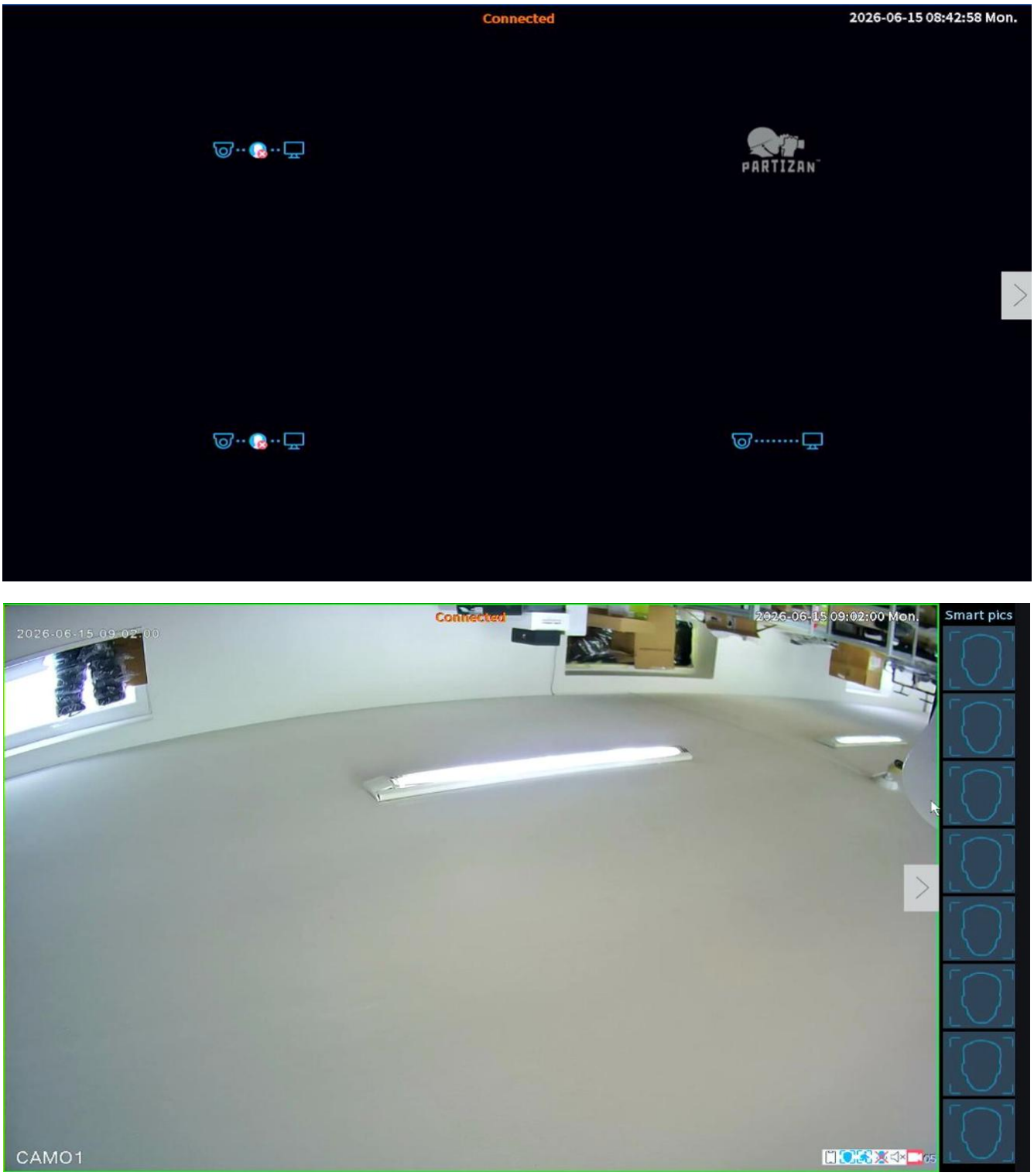


Fig.14. Live view

Feature	Description
Connected (orange)	Top-centre status — NVR has internet/P2P connection.
Camera icon + dots	Camera connecting — dots animate while establishing stream.
Smart pics panel	Right side — face detection snapshots shown in real time.
Date/time stamp	Shown top-left on each channel.
Channel name	Shown bottom-left (e.g. CAM01).
Right-click menu	Access PTZ, zoom, manual record, snapshot, settings for that channel.
Arrow button (right edge)	Expand/collapse the Smart pics panel.

9. Recording

9.1. Record mode

Network Discovery visually tests the connection from the NVR through the router to the internet and mobile app. Select a tab at the bottom to switch between Online user, Web Tool, Diagnosis and Network views. No action is needed to close — press the hardware back button or navigate away.



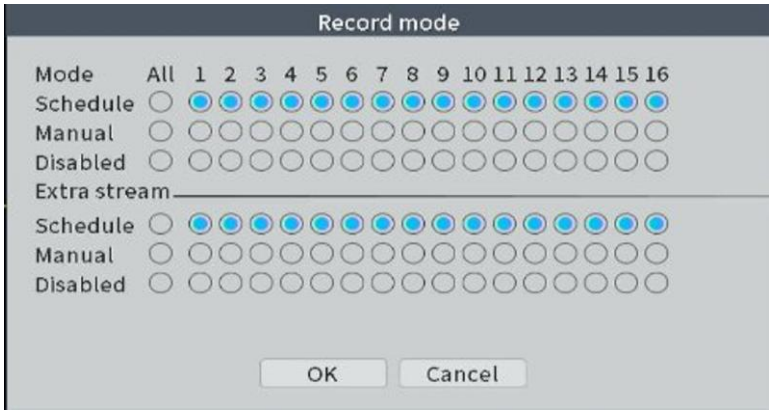


Fig.15. Record mode

Feature	Description
Schedule	Records according to the time schedule — recommended.
Manual	Records continuously at all times regardless of schedule.
Disabled	Recording off for this channel.
Extra stream	Secondary (lower resolution) stream — for mobile viewing.

9.2. Record config — schedule

Record config defines the recording schedule per channel. Set up to 4 time periods per day and choose which event types trigger recording in each period. Click OK to save or Copy to apply the schedule to other channels.



Fig.16. Record config — schedule and recording types

Feature	Description
Channel	Select the channel (camera) to configure.
Redundancy	When enabled, recordings are simultaneously written to a second storage device as a backup copy..
Length	Max length of a single recording file (default 60 min).
Mode	Schedule / Manual / Disabled.
Week day	Apply schedule to all days or specific days.
Period 1–4	Up to 4 time windows per day.
Regular	Continuous recording during the time window.
Motion	Record only when motion is detected.
Alarm	Record only when an alarm is triggered.

10. Playback

Search and replay recorded footage from the NVR storage or a backup device.

10.1. Select play mode

Select a playback type from the left panel, choose the channel and date, then click OK to open the playback screen. Dates with recordings are highlighted on the calendar.

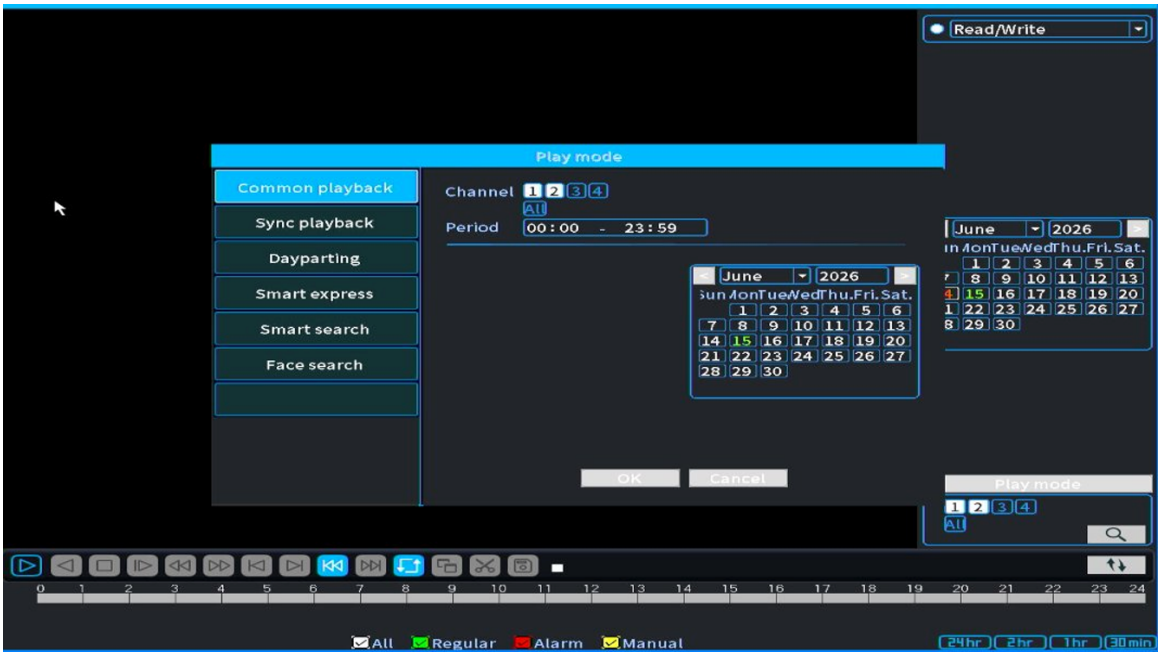


Fig.17. Playback — select mode and date

Feature	Description
Common playback	Standard playback — select channel and date.
Sync playback	Play multiple channels simultaneously in sync.
Dayparting	Search within a specific time window.
Smart express	Quick access to recent recordings.
Smart search	Search by motion zone — draw area and find events.
Face search	Search recordings by detected face.
Channel selector	Choose which camera channels to search (1–4 or All).
Period	Set time range to search (00:00 – 23:59 = full day).
Calendar	Days with recordings shown highlighted; click to select.

10.2. Playback screen

The playback screen shows recorded footage with a timeline at the bottom. Click any segment to jump to that recording. Use the storage selector (top right) to switch between internal NVR storage and a connected USB backup device.

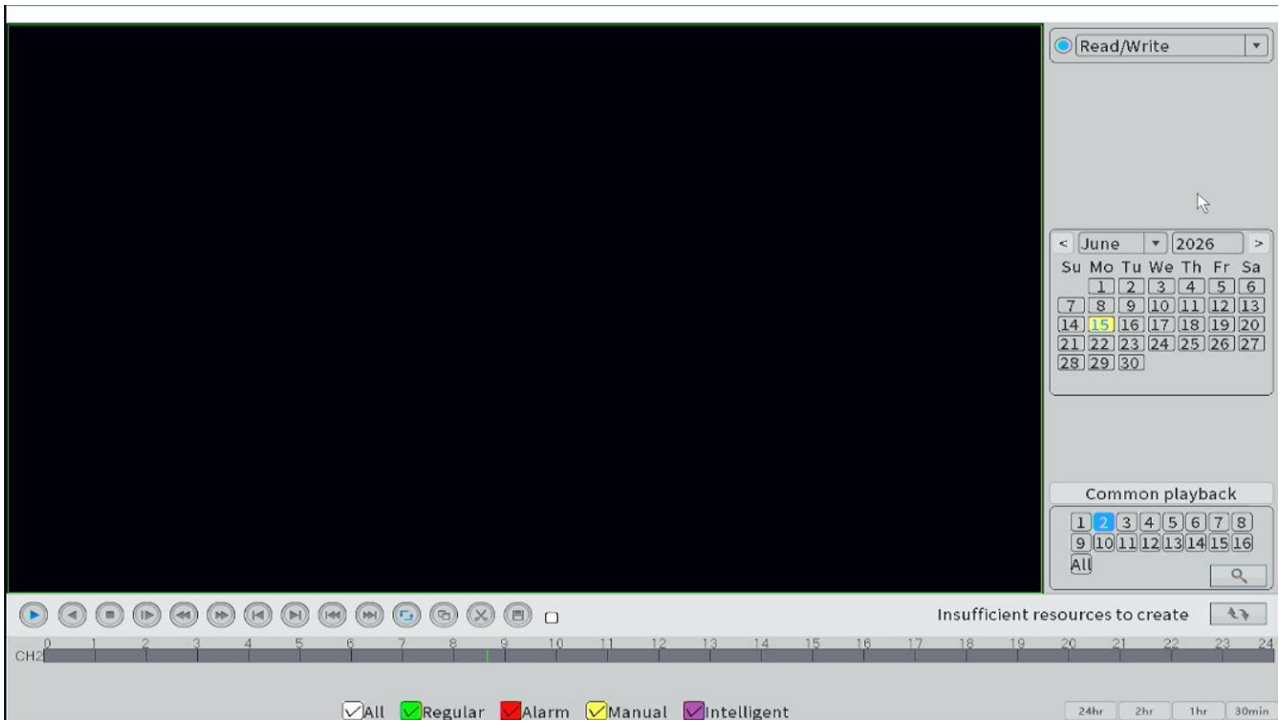


Fig.18. Playback screen with timeline and controls

Feature	Description
Timeline (bottom)	Shows recording segments for the selected day.
Green segments	Regular (continuous) recordings.
Red segments	Alarm-triggered recordings.
Yellow segments	Manual recordings.
Purple segments	Intelligent/AI detection recordings.
24hr / 2hr / 1hr / 30min	Zoom level of the timeline.
Play controls	Play, pause, fast-forward (×2, ×4, ×8), frame-by-frame.
Storage selector	Top-right — switch between Read/Write (NVR) or Backup device.

10.3. Backup source

To play footage from a USB drive, select 'Backup device' from the storage dropdown in the top-right corner of the playback screen.

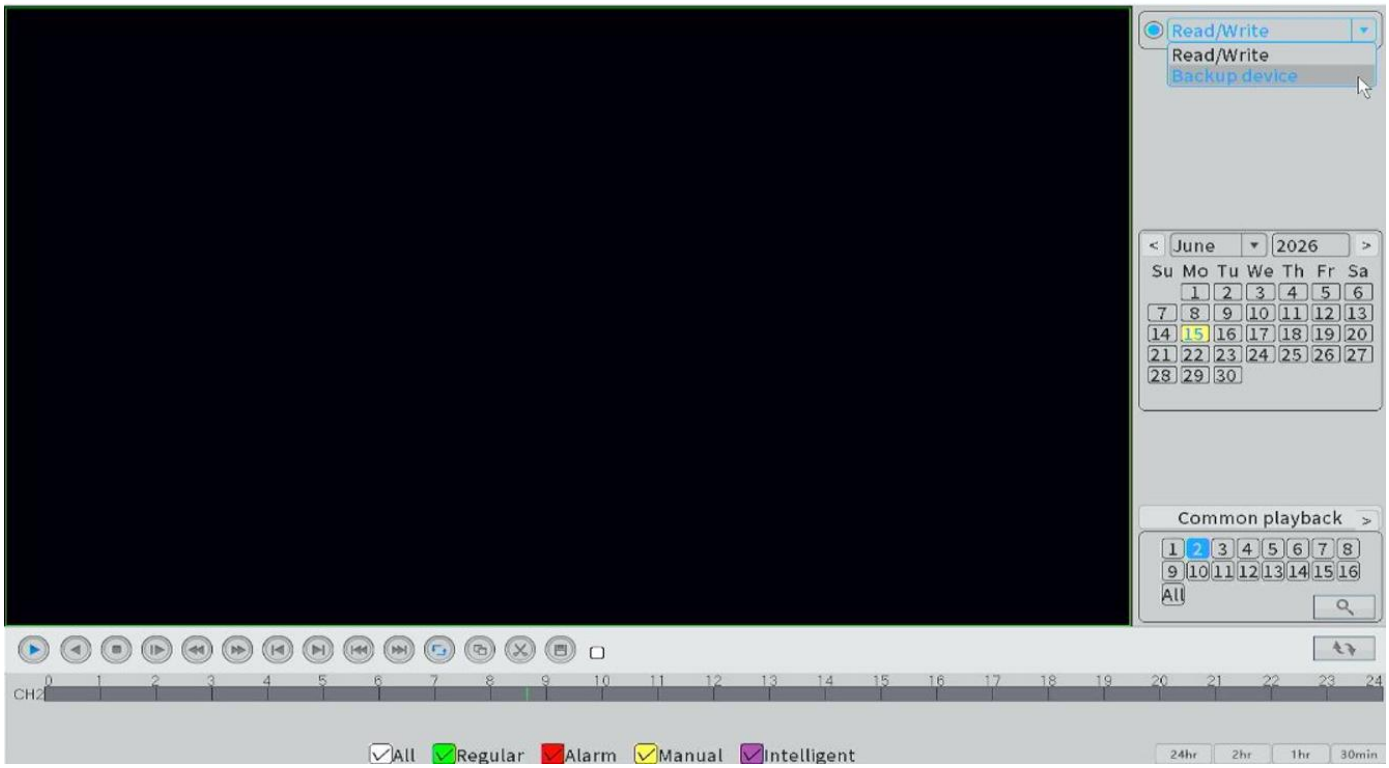


Fig.19. Playback — selecting backup device as source

1. Insert USB flash drive into the NVR USB port.
2. Open Playback.
3. Click the dropdown in the top-right corner — select Backup device.
4. Select the channel and date, then click Search.
5. Click a segment in the timeline to play.

11. Alarms & detection

11.1. Alarm menu

The Alarm menu contains all detection and alert settings. Select a category to configure the corresponding alarm type.

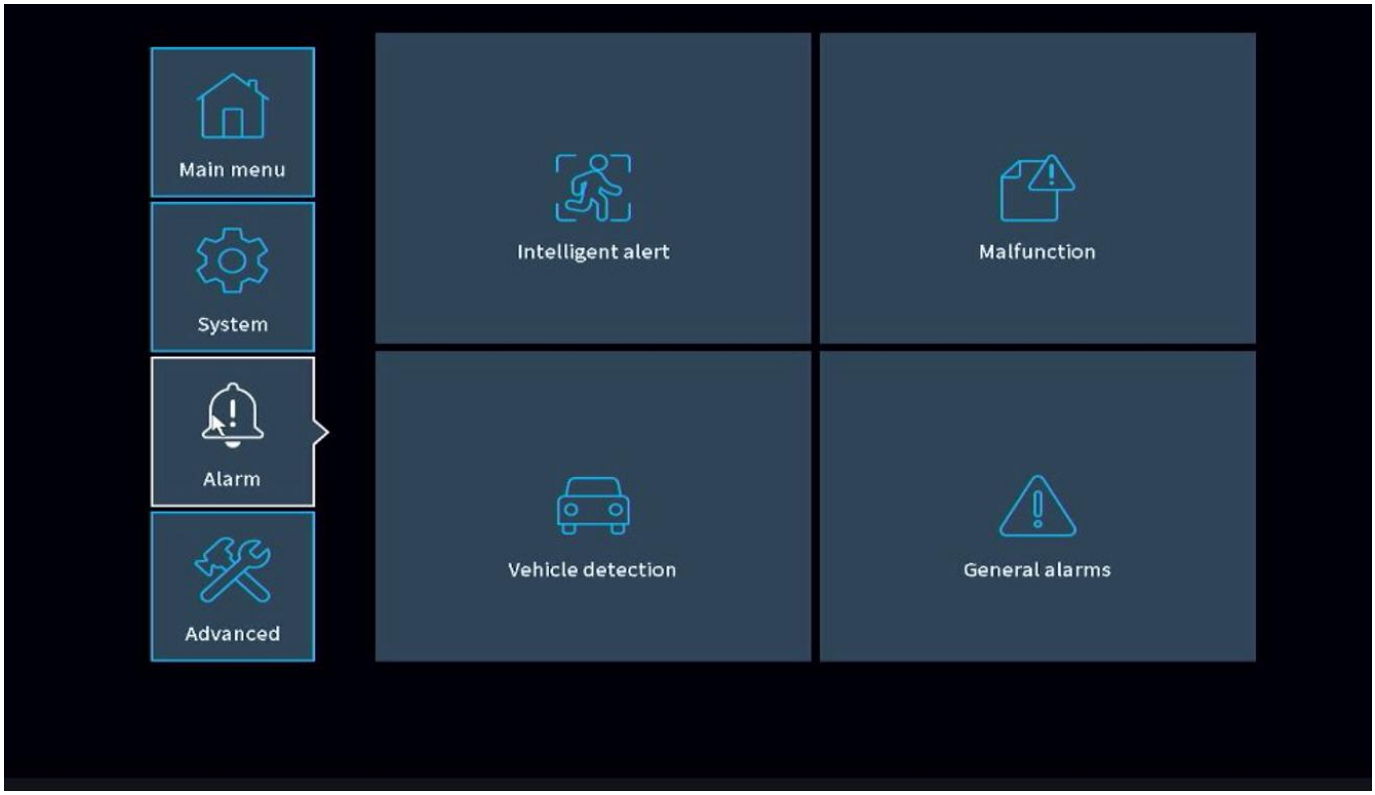


Fig.20. Alarm menu

Feature	Description
Intelligent alert	Motion detection and AI-based person/object alerts.
Malfunction	Alerts for device errors (camera loss, storage failure).
Vehicle detection	Alerts when a vehicle is detected by the camera.
General alarms	External alarm input configuration.

11.2. Intelligent alert (motion detection)

Intelligent alert enables motion detection per camera channel. When motion is detected, the NVR can record and/or send a push notification to the mobile app. Configure sensitivity and draw the detection region for each channel. Click OK to save.

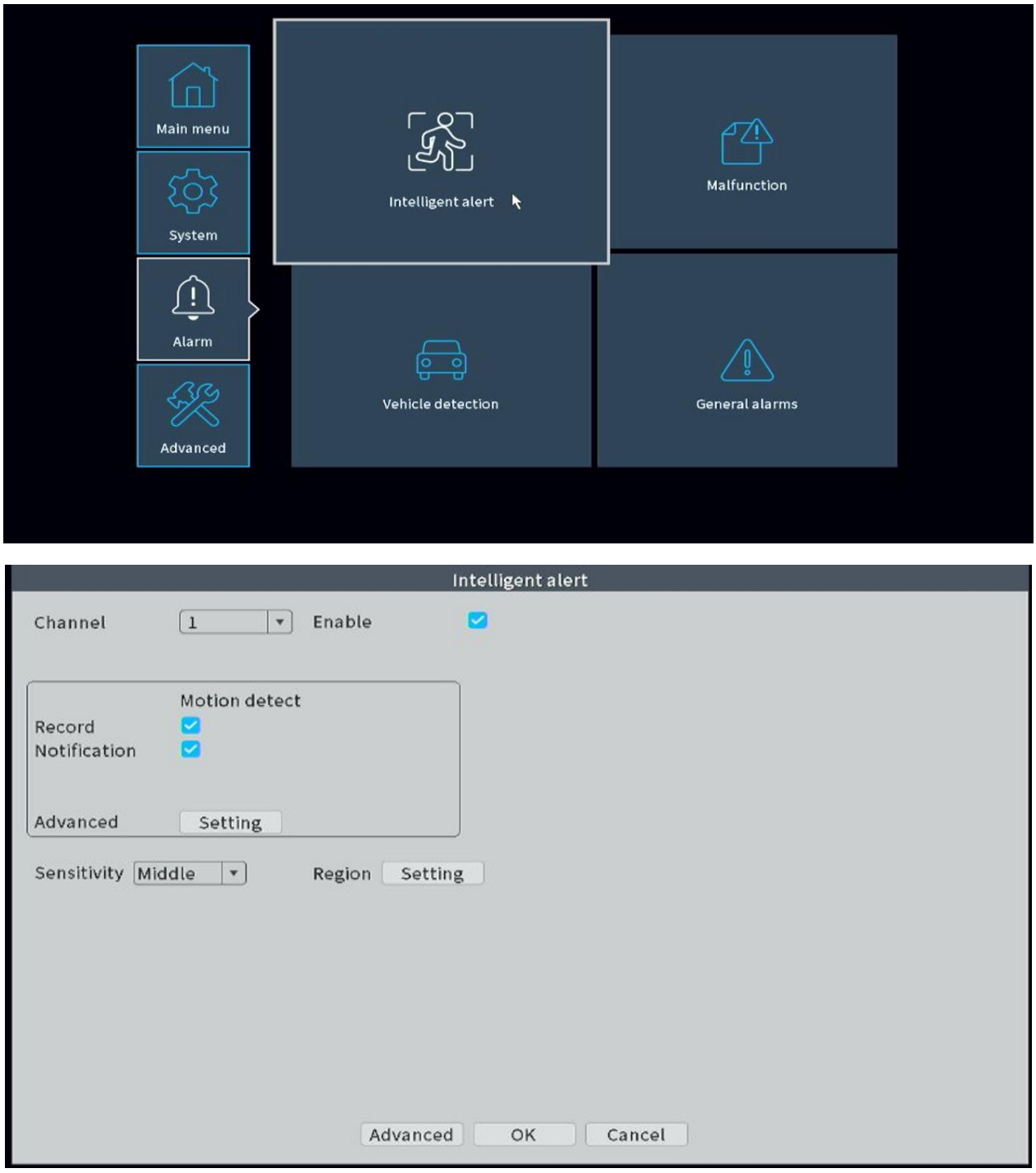


Fig.21. Alarm menu — intelligent alert selected

Feature	Description
Channel	Select which camera to configure..
Enable	Toggle motion detection on/off for this channel. Upload a snapshot to the configured FTP server when the alarm triggers. Tick the checkbox to enable..
Motion detect — Record	Start recording on alarm trigger. Send an email alert when the alarm triggers. Tick the checkbox to enable..
Motion detect — Notification	Send push notification to mobile app. To use this Start recording on trigger. Tick the checkbox to enable..
Advanced — Setting	Configure pre/post-alarm recording time..
Sensitivity	Low / Middle / High — how sensitive the detection is.
Region — Setting	Draw the detection zone on the camera image..

Note: Set Sensitivity to 'Middle' as a starting point. If too many false alarms occur, lower to 'Low' or reduce the detection region.

11.3. Malfunction Alarms

Malfunction alarms notify you when the NVR detects a hardware or system issue such as storage failure or camera loss. Select the event type, enable the alarm and configure alert actions. Click OK to save.



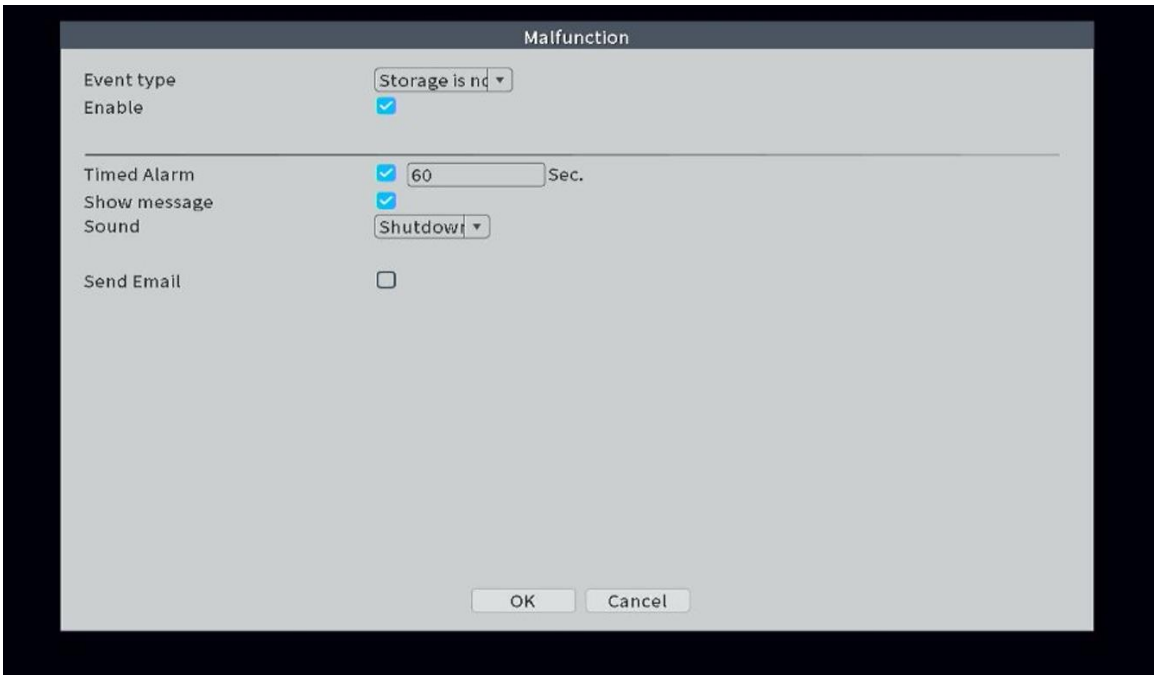


Fig.22. Malfunction settings

Feature	Description
Event type	Type of malfunction: Storage not detected, Storage error, etc.
Enable	Turn this alarm on/off. Enable or disable this alarm for the selected channel. Tick the checkbox to enable..
Timed Alarm	Trigger alarm after X seconds of malfunction.
Show message	Display popup on screen when triggered..
Sound	Play a sound alert (e.g. Shutdown tone).
Send Email	Send email notification when triggered.

11.4. General Alarms

General alarms cover video-based tamper events and external sensor inputs. Select a sub-category to configure the specific alarm type.

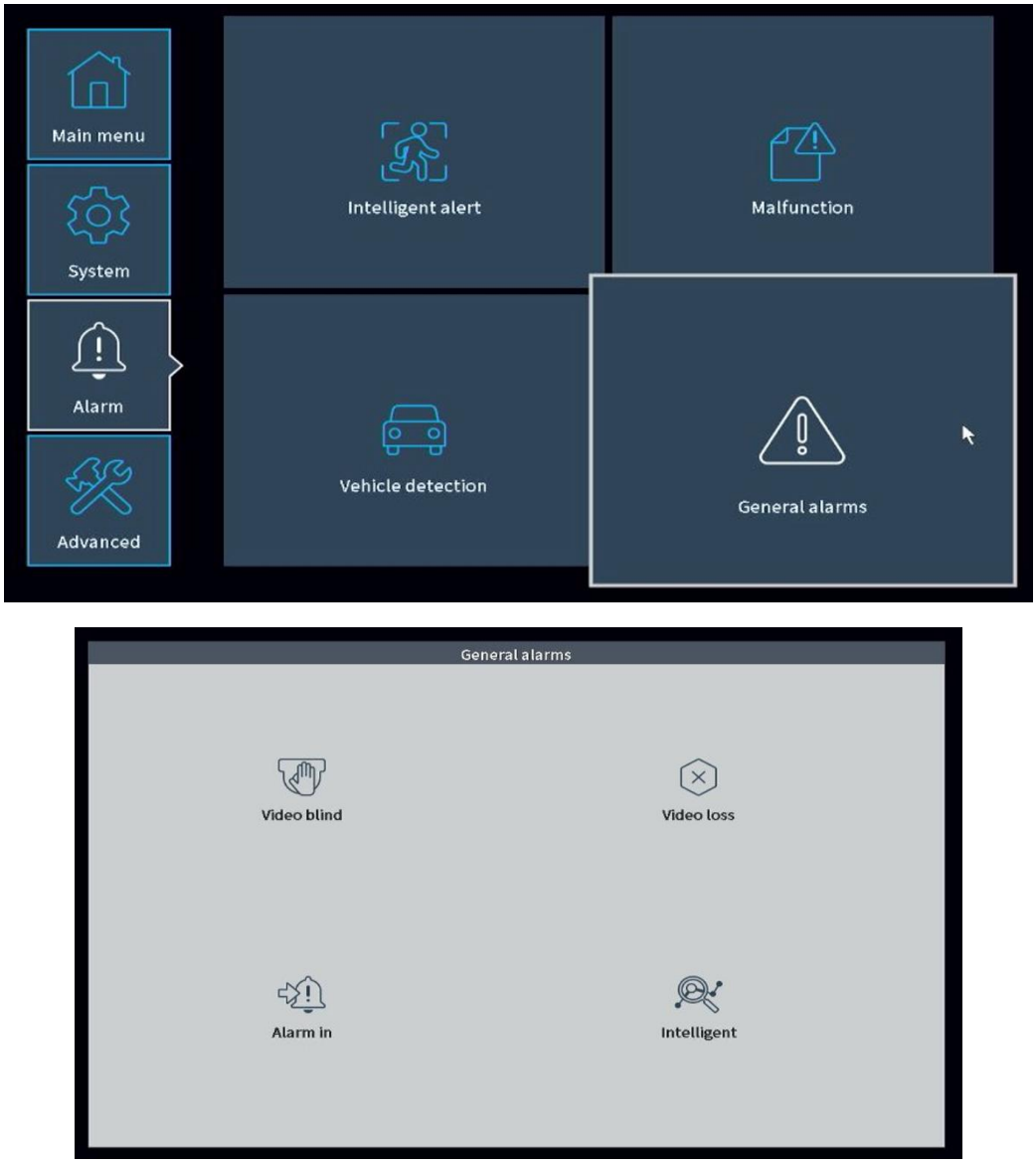


Fig.23. General alarms menu

Feature	Description
Video blind	Detect when camera lens is covered or blocked.
Video loss	Detect when camera signal is lost.
Alarm in	Configure external alarm sensor inputs (IPC alarm).
Intelligent	Advanced AI algorithm-based event detection.

11.5. Video Blind

Video blind detection triggers when a camera lens is covered, blocked or spray-painted. Enable per channel, set sensitivity and configure response actions. Click OK to save.

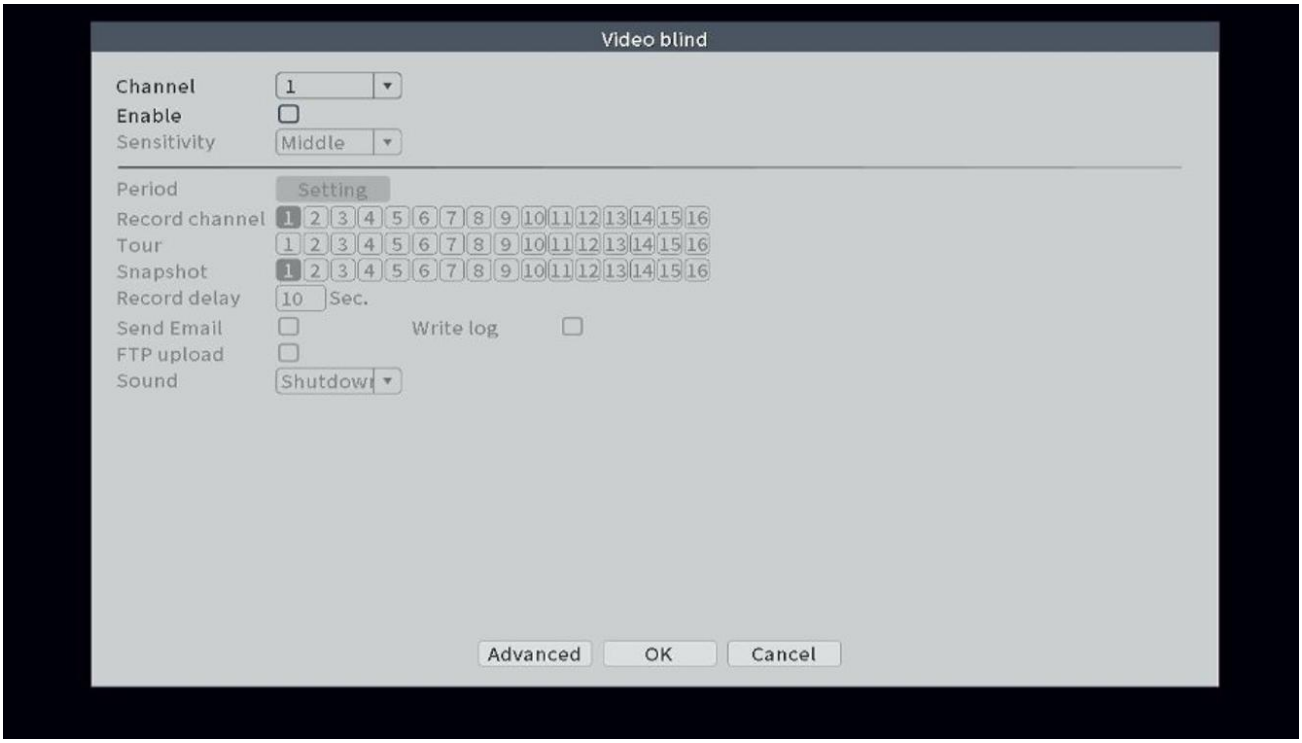


Fig.24. Video blind — camera tamper detection settings

Feature	Description
Channel	Select camera channel.
Enable	Turn tamper detection on/off.
Sensitivity	Middle recommended.
Period	Set active time window.
Record channel	Which channels to record when triggered.
Tour	Edit the permissions and name of an existing user group.
Snapshot	Create a new user group with custom access permissions.
Record delay	Remove an existing user group. Users in the group must be reassigned first.

Send Email	Email alert on tamper.
Write log	Refresh the user list to reflect recent changes..
FTP upload	Upload snapshot to FTP server.
Sound	Audio alert sound.

11.6. Video Loss

Video loss detection triggers when a camera stops transmitting a signal — for example if the cable is cut or the camera loses power. Enable per channel and configure response actions. Click OK to save.



Fig.25. Video loss — camera signal loss detection

Feature	Description
Channel	Select camera channel.
Enable	Turn tamper detection on/off.
Sensitivity	Middle recommended.
Period	Set active time window.
Record channel	Which channels to record when triggered.
Tour	Repairs the file system on the selected storage without erasing recordings — use if the drive shows errors.
Snapshot	Divides the storage into separate partitions for different recording types (e.g. main stream, snapshots).

Record delay	When triggered, the NVR automatically switches between camera channels in sequence on the monitor.
Send Email	Email alert on tamper.
Write log	Capture a snapshot image when the alarm triggers and save it to storage..
FTP upload	Upload snapshot to FTP server.
Sound	Audio alert sound.

11.7. Alarm In (External Sensors)

Alarm in configures external sensor inputs such as door contacts or PIR sensors connected to the NVR alarm terminals. Select the input channel, set the trigger type and configure response actions. Click OK to save.

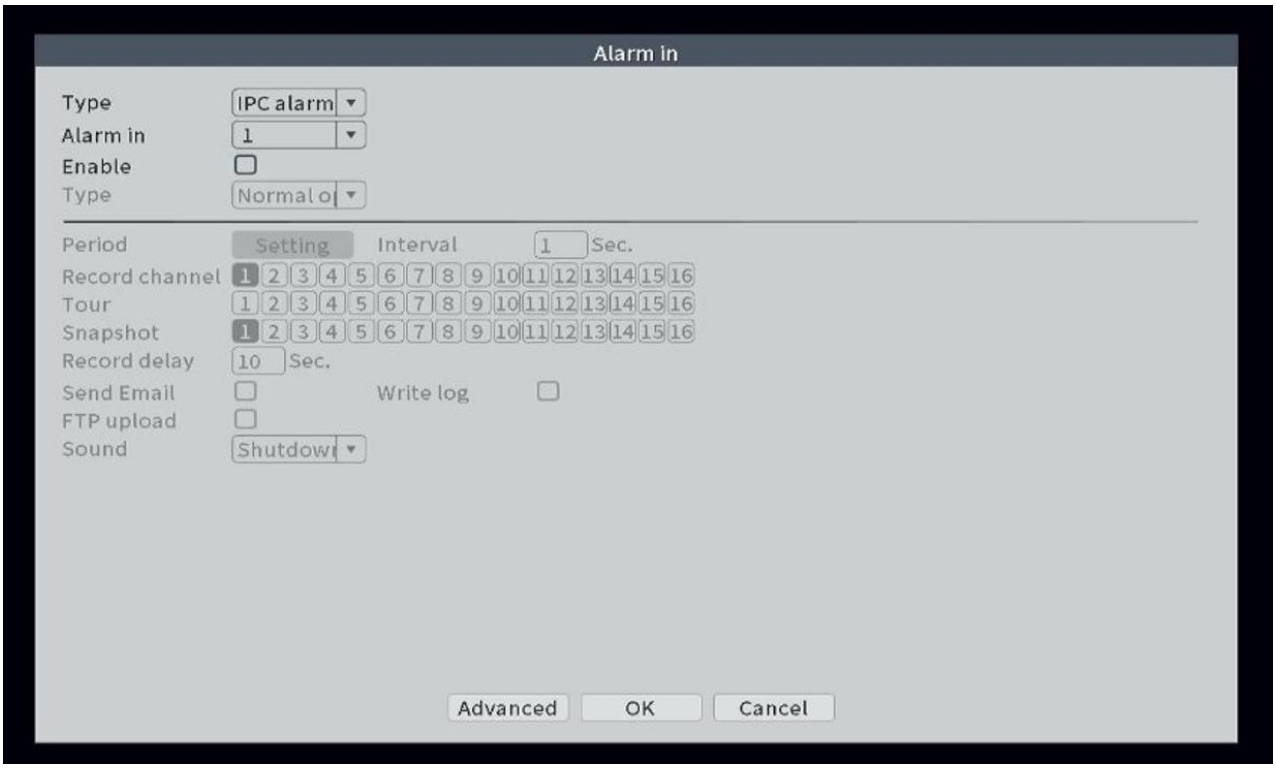


Fig.26. Alarm in — external sensor input settings

Feature	Description
Type	IPC alarm — alarm from IP camera.
Alarm in	Select input channel (1–16).
Enable	Turn this input on/off.
Type	Normal Open or Normal Closed — match your sensor type.
Period — Setting	Set active time window for this alarm.
Interval	Minimum seconds between repeated triggers.
Record channel	Which channels to record on alarm.
Tour	Auto-cycle cameras on alarm.

Snapshot	Capture snapshot on trigger.
Record delay	Keep recording X seconds after alarm ends.
Send Email	Email notification.
FTP upload	Upload snapshot to FTP.
Write log	Log event in system log.
Sound	Audio alert.

12. System settings

12.1. System settings

The System menu provides access to video encoding quality, display settings, backup, snapshot configuration and user account management.

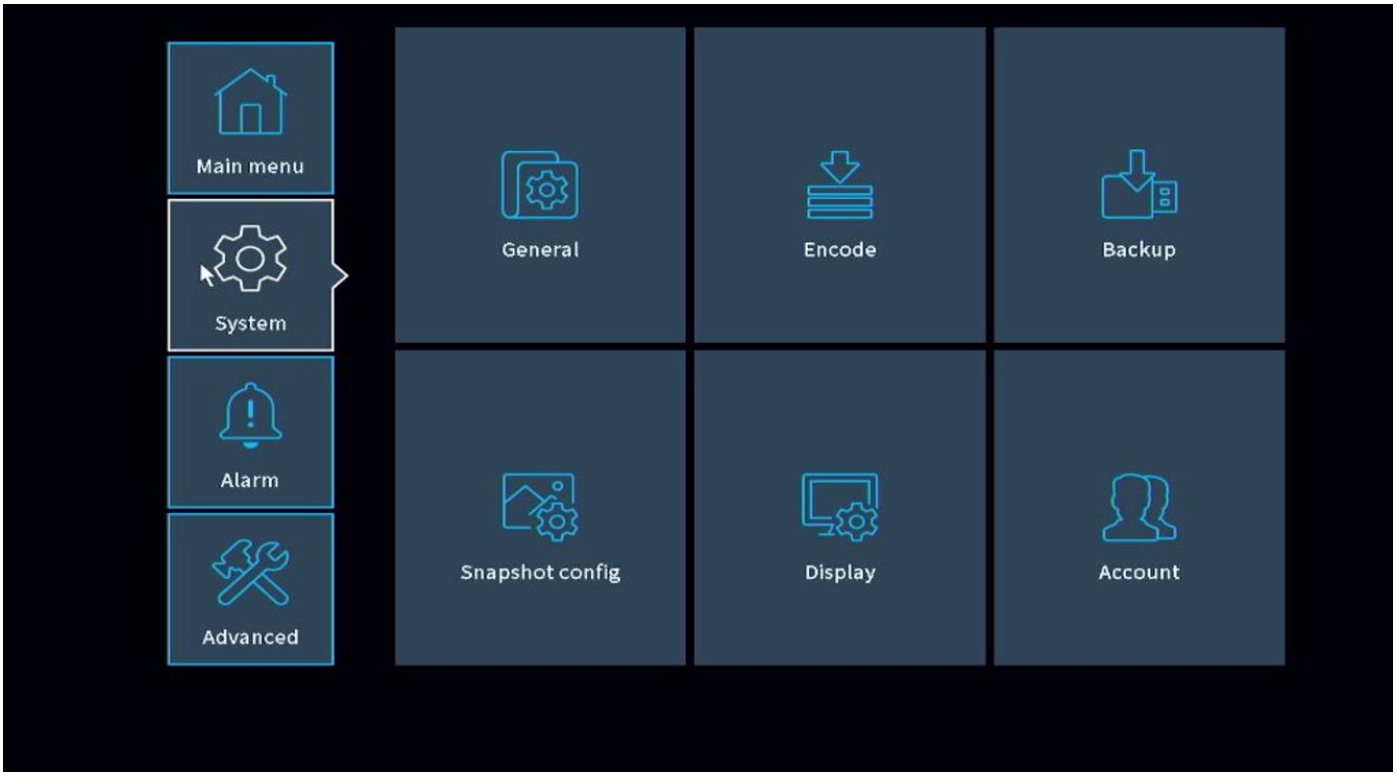


Fig.27. System menu

Feature	Description
General	Language, device name, screen resolution.
Encode	Video compression settings (resolution, bitrate, frame rate).
Backup	Export recordings to USB drive.
Snapshot config	Configure automatic snapshot capture.
Display	Screen output resolution and OSD settings.
Account	User accounts and access permissions.

12.2. User accounts

Manage NVR user accounts here. Create accounts with different access levels, set passwords and configure account security options. Click OK to save any changes.

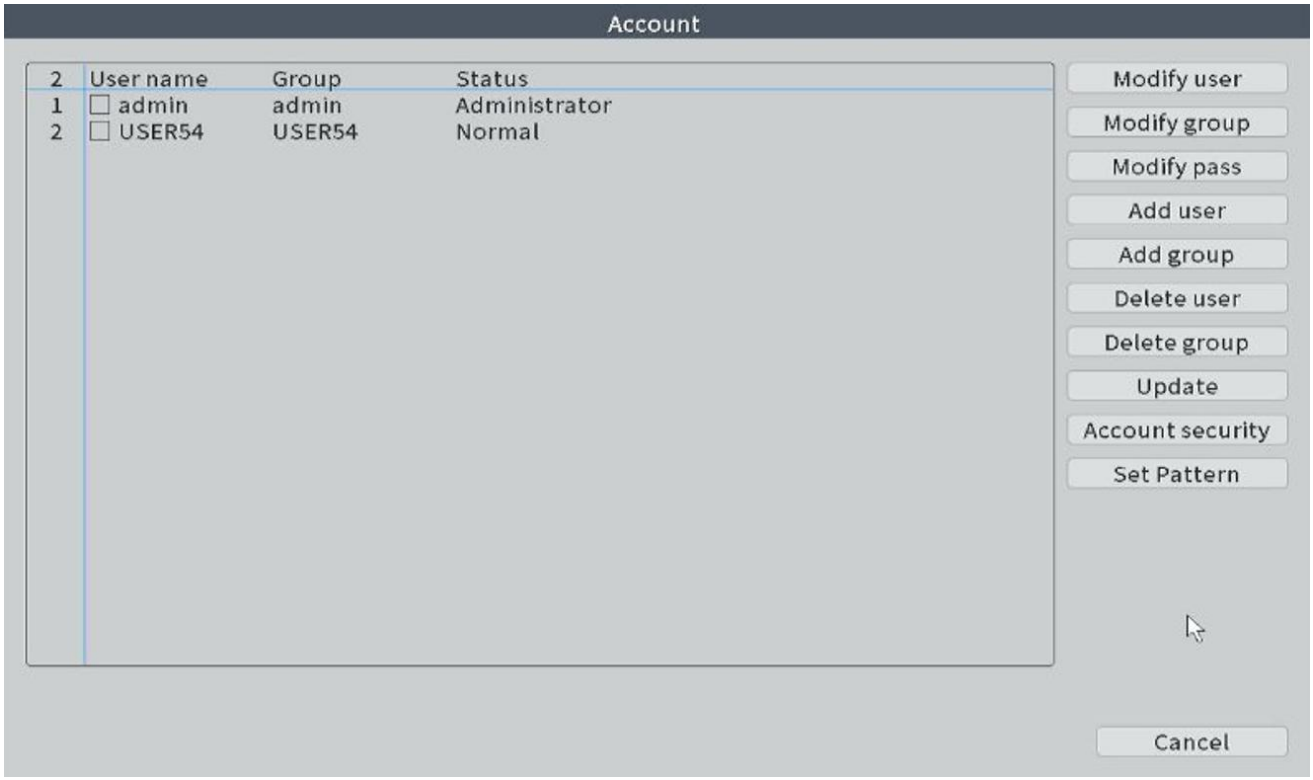


Fig.28. Account management

Feature	Description
User name	Login name for this account.
Group	admin = full access; normal = restricted access.
Status	Administrator or Normal user.
Add user, group	Create a new user account.
Modify user, group, pass	Change password for selected user.
Update	Number of seconds to continue recording after the alarm condition ends (0–300 s)..
Account security	Set security questions for password recovery.
Set Pattern	Set a pattern-based login (swipe pattern on screen).

Delete user, group	Remove a user account.

1. Click Add user.
2. Enter a username and password.
3. Assign to a group: admin (full access) or a restricted group.
4. Click OK.

13. Advanced

13.1. Advanced menu

The Advanced menu provides access to storage management, firmware upgrades, maintenance tools and diagnostic information.

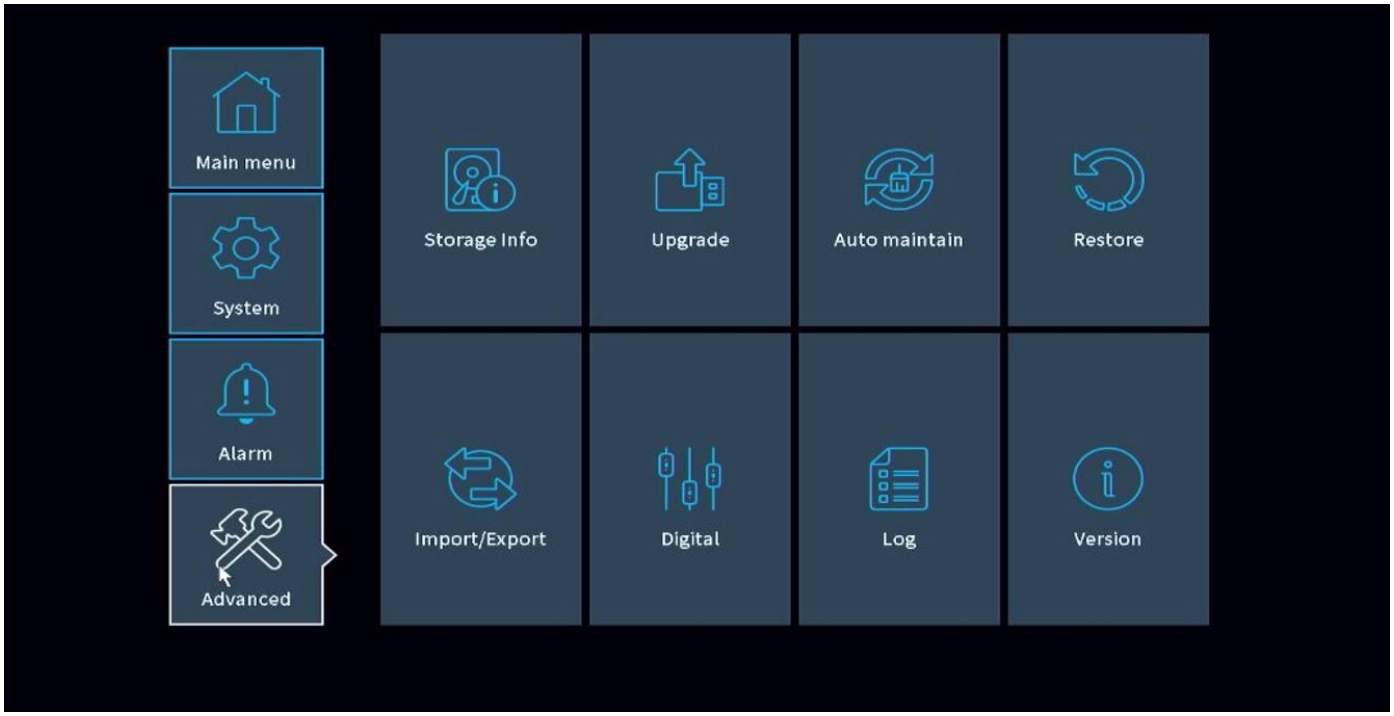


Fig.29. Advanced menu

Feature	Description
Storage Info	View HDD status, capacity, free space.
Upgrade	Update NVR firmware from USB drive
Auto maintain	Schedule automatic reboot for system stability.
Restore	Reset all settings to factory defaults
Import/Export	Save or load NVR configuration
Digital	Digital zoom and display settings
Log	View system event log
Version	Device firmware version and serial number

13.2. Storage info

Storage Info shows the status and capacity of all installed storage. A new hard drive must be formatted here before it can be used. Select a drive and choose an action from the buttons at the bottom.

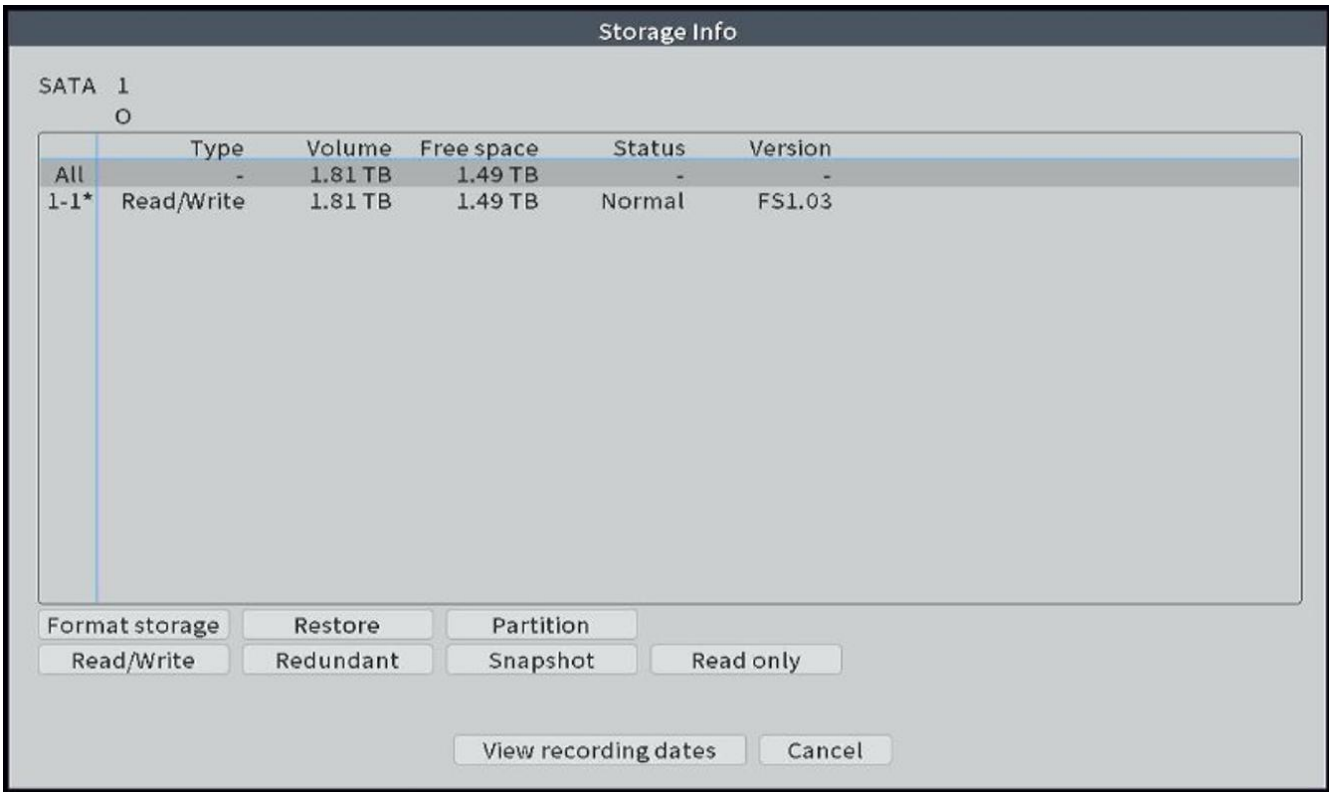


Fig.30. Storage info — HDD status and options

Feature	Description
SATA 1	Installed hard drive — slot number
Type	Read/Write = normal operation
Volume	Total HDD capacity
Free space	Available space remaining
Status	Normal = HDD healthy
Format storage	Erase all recordings and format the drive (required for new HDD)
Read/Write	Set disk to normal read/write mode
Restore	Record this alarm event in the system log..
Redundant	Use disk as a mirror backup of another disk

Partition	Reset the digital channel configuration to default settings..
Snapshot	Dedicated partition for snapshots
View recording dates	See which dates have recordings stored

Note: A new HDD must be formatted before the NVR can record to it. Click Format storage — all existing data will be erased.

13.3. Upgrade

Use Upgrade to update the NVR firmware or connected camera firmware from a USB drive. Insert the USB drive, select the folder and file, then click Upgrade. Do not power off during the upgrade.

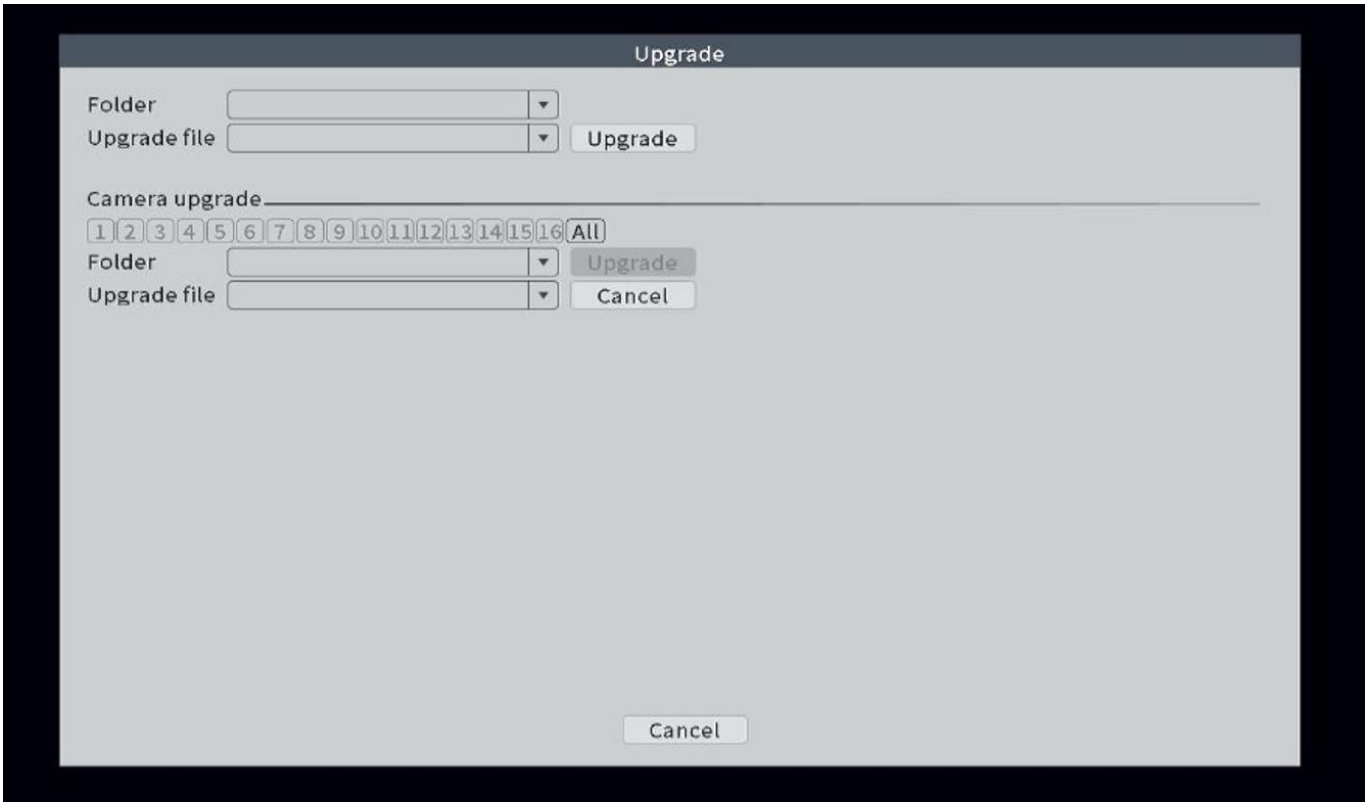


Fig.31. Upgrade — NVR and camera firmware update

Feature	Description
Folder	Select USB folder containing firmware file
Upgrade file	Select the firmware .bin file
Upgrade (NVR) where is this button ? if no - change or delete	Flash new firmware to the NVR
Camera upgrade	Select channels (1–16 or All) and upgrade camera firmware

Note: Do not power off during upgrade. The process takes 3–5 minutes. The device reboots automatically.

13.4. Auto Maintain

Auto maintain schedules automatic system reboots for long-term stability. Set the day and time for the weekly reboot and optionally configure automatic deletion of old recordings. Click OK to save.

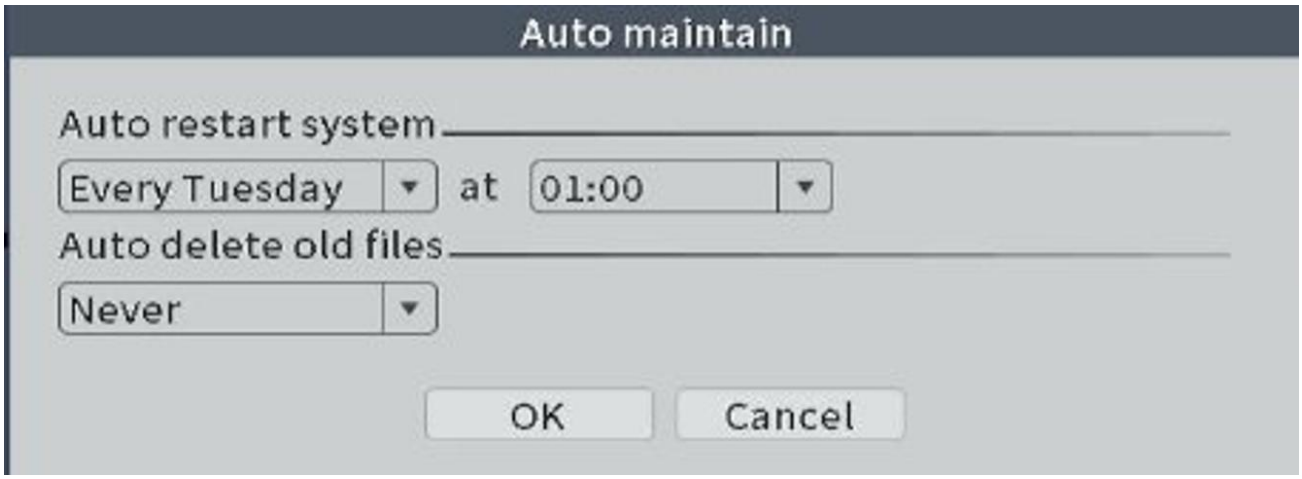


Fig.32. Auto maintain — scheduled reboot settings

Feature	Description
Auto restart system	Set day and time for weekly automatic reboot (e.g. Every Tuesday at 01:00)
Auto delete old files	Automatically delete recordings older than X days (or Never)

Note: Scheduled reboot improves long-term system stability. Set it to a time when cameras are least active.

13.5. Restore

Restore resets NVR configuration. Restore default settings keeps network and user data. Restore factory settings erases all configuration — use only as a last resort.

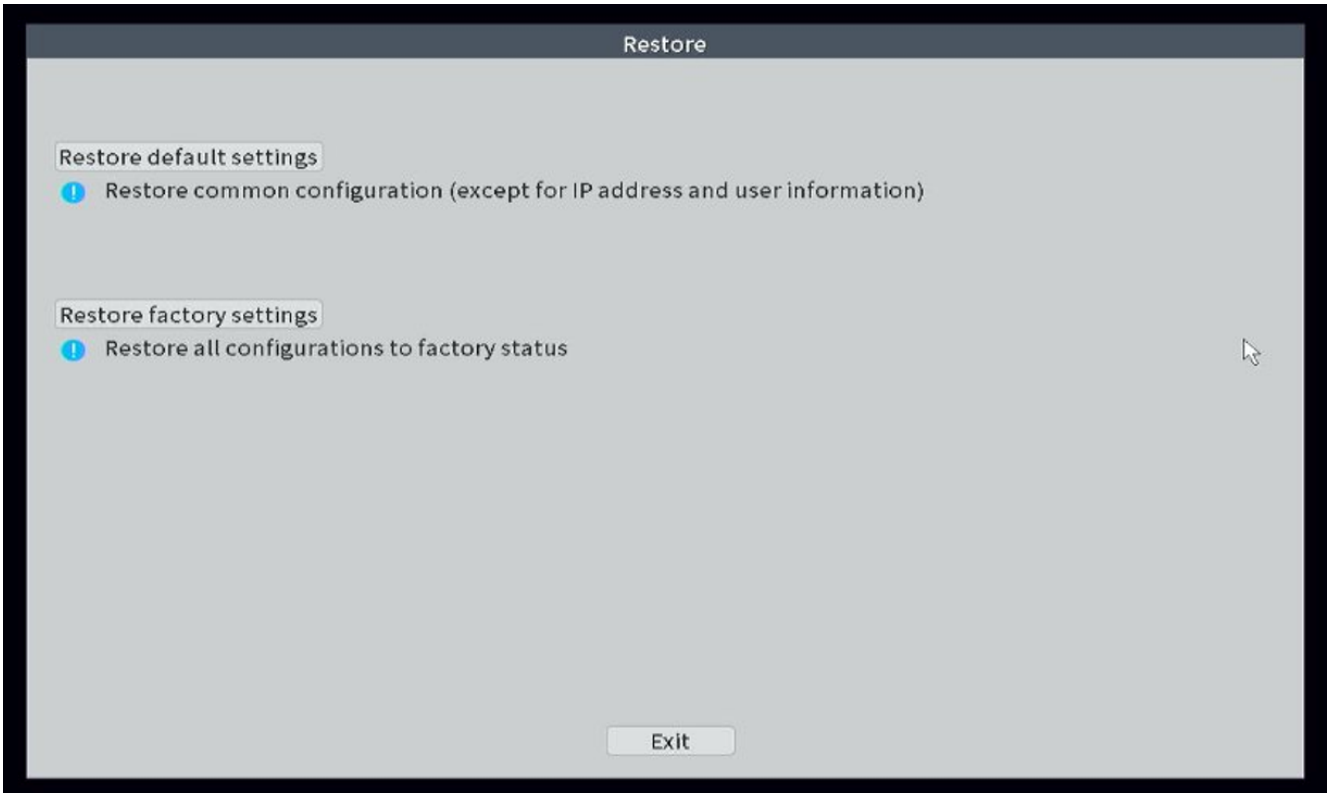


Fig.33. Restore — default and factory reset options

Feature	Description
Restore default settings	Resets common configuration — keeps IP address and user accounts
Restore factory settings	Resets ALL settings to factory status — use as last resort

Note: 'Restore factory settings' will erase all configuration including network settings and user accounts. The NVR will restart.

13.6. Import / Export

Import/Export allows you to back up the system log and NVR configuration to USB, or restore a previously saved configuration. Connect a USB drive before opening this screen.

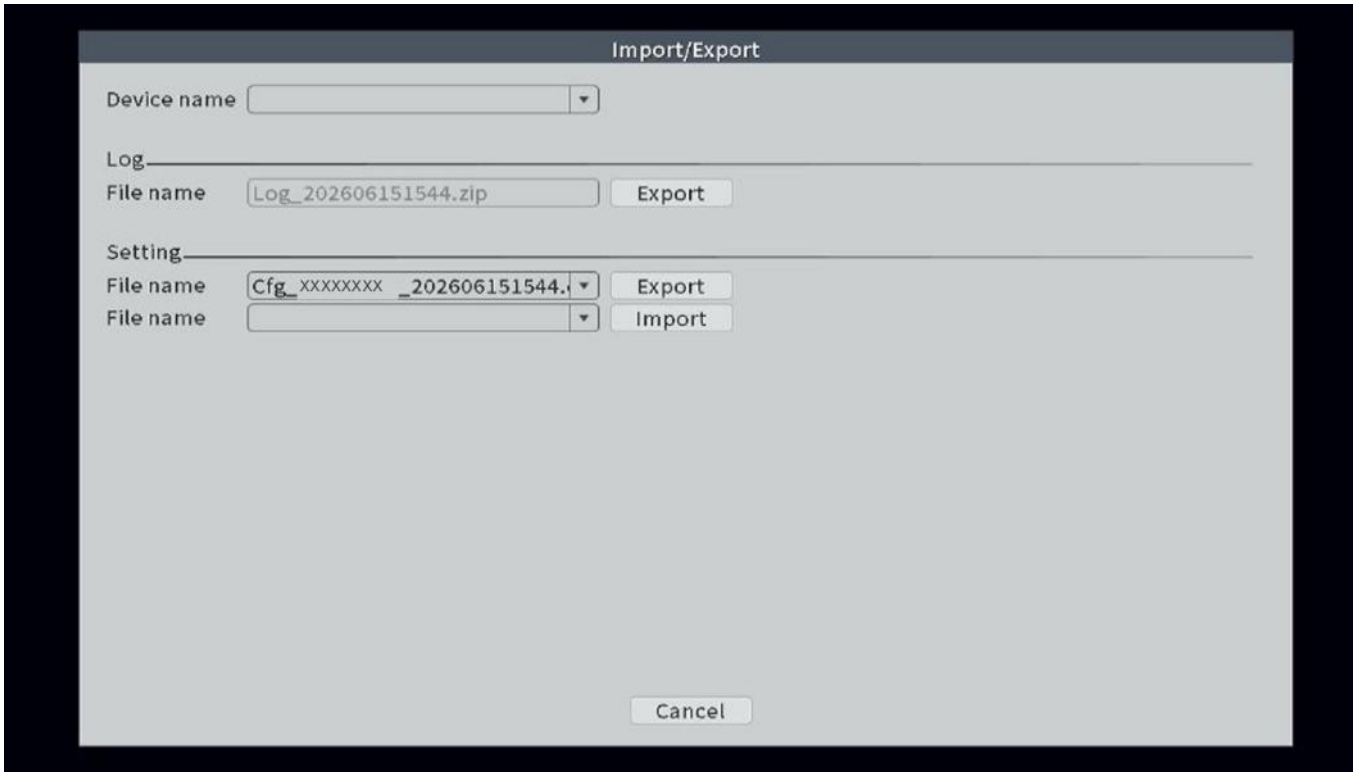


Fig.34. Import/Export — configuration and log management

Feature	Description
Device name	Select USB device to save to
Log — Export	Export system log as .zip file to USB
Setting — Export	Save current NVR configuration to USB
Setting — Import	Load configuration from USB (restore on new device)

13.7. Log

The Log viewer shows a chronological record of system events including logins, alarms, errors and configuration changes. Filter by type and date range, then click Search. Click Clear to erase the log.

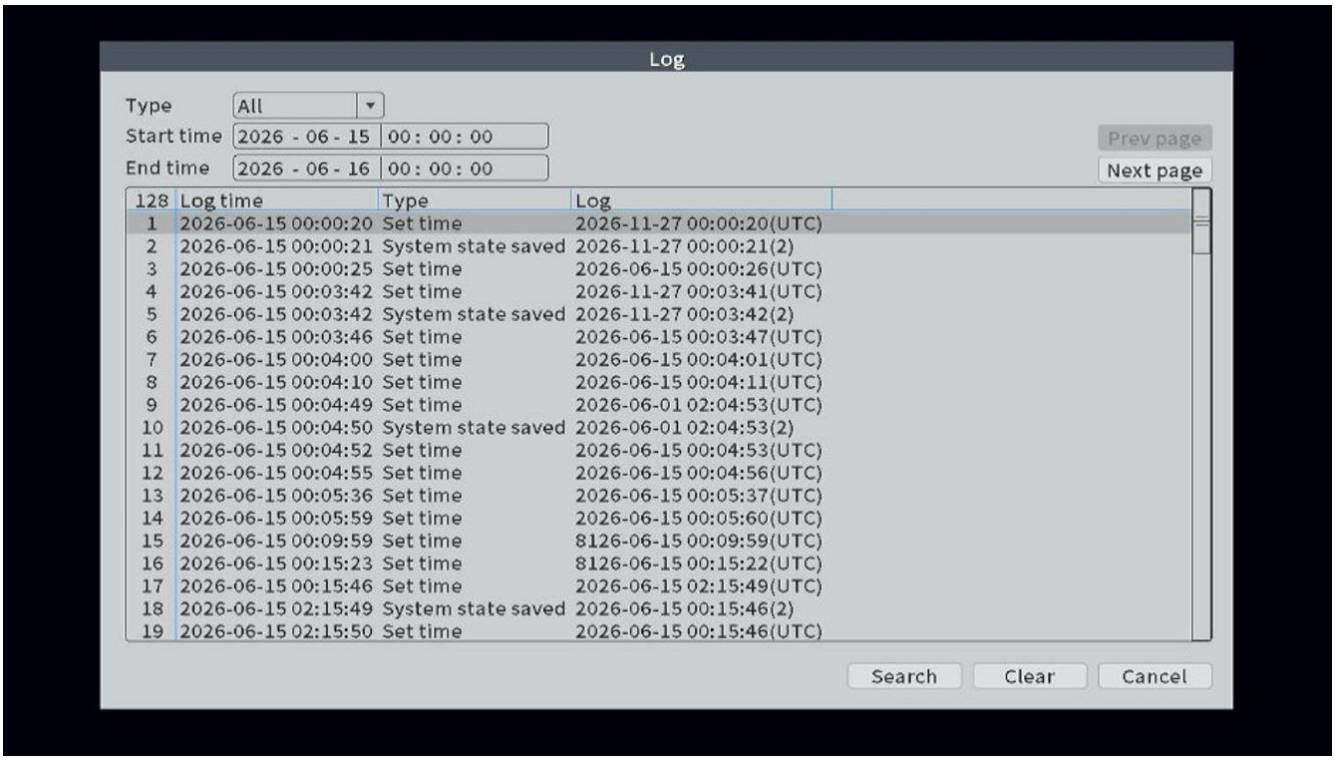


Fig.35. System log — event history

Feature	Description
Type	Filter by log type: All, System, Config, Alarm, etc.
Start / End time	Set date range to search
Log time	Timestamp of each event
Type column	Event category (Set time, System state, Alarm, etc.)
Log column	Event detail
Search	Filter log by date range and type
Clear	Delete all log entries

13.8. Digital Channels

Digital Channels configuration allows you to manage IP camera connections, view real-time stream status and set the channel type. Use this section if cameras are not connecting automatically.

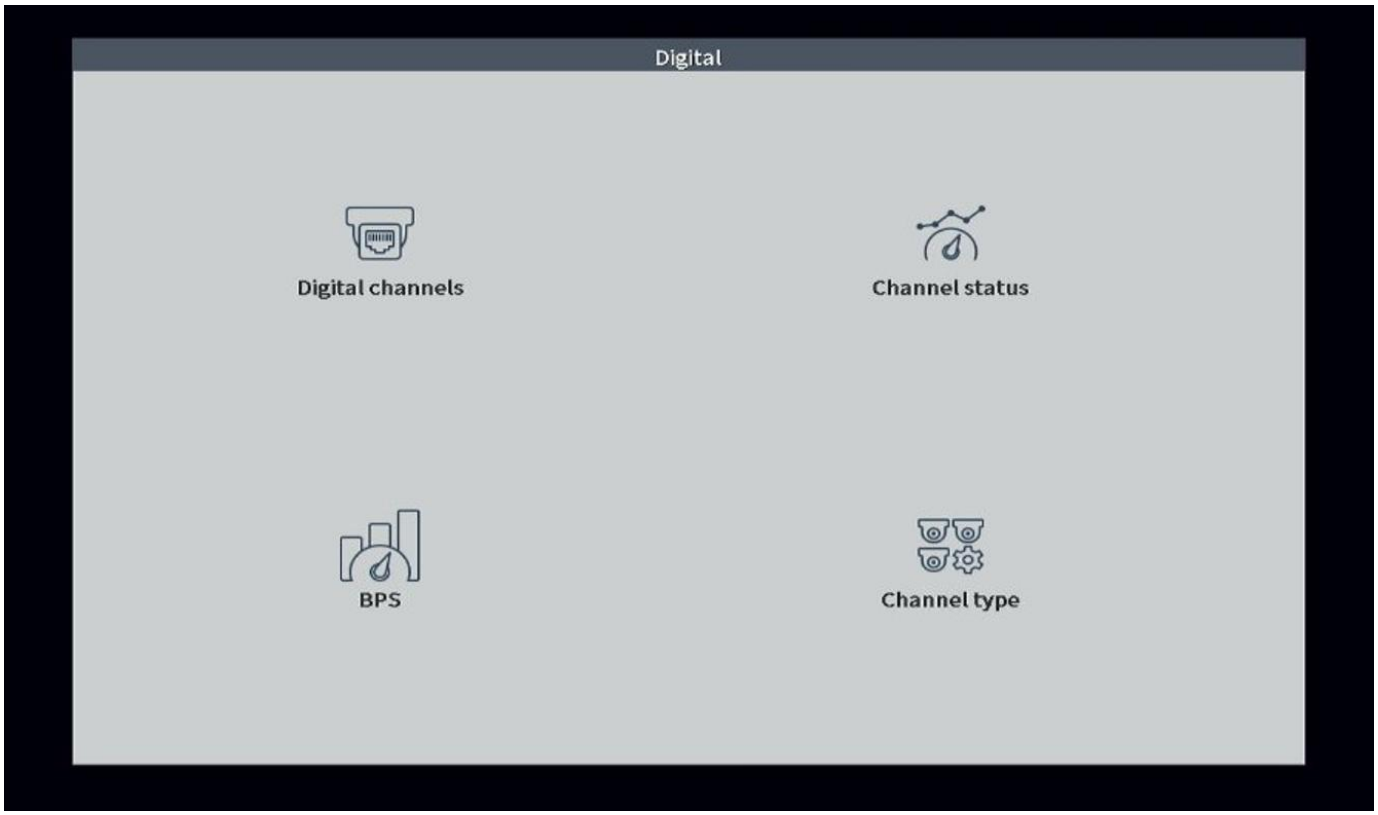


Fig.36. Digital menu — sub-sections

Feature	Description
Digital channels	Configure IP camera channel connections.
Channel status	View connection status of all channels at a glance.
BPS	Real-time bitrate (Kb/s and MB/h) per channel.
Channel type	Set channel type: IP, 4K, or number of channels (16)

13.9. Channel status

Channel status shows the connection state, stream resolution and protocol for each digital channel at a glance. Use this screen to quickly identify which cameras are connected, offline or showing credential errors.



Fig.37. Channel status — connection status per channel

Feature	Description
D01–D16	Digital channels 1–16
Stream	Current stream resolution (e.g. 4K)
Main stream / Extra stream	Main = recording stream; Extra = mobile stream
Connection status	Not configured - Camera not yet added to this channel; Wrong device login or password - Incorrect credentials — edit camera settings; Not logged in - NVR cannot reach camera; Offline - Camera is powered off or disconnected

13.10. BPS

The Log viewer shows a chronological record of system events including logins, alarms, errors and configuration changes. Filter by type and date range, then click Search. Click Clear to erase the log.



Fig.38. BPS — real-time bitrate per channel

13.11. Channel type

Channel type defines the video input standard and the maximum number of recording channels. Changing the channel type requires a system reboot to take effect.

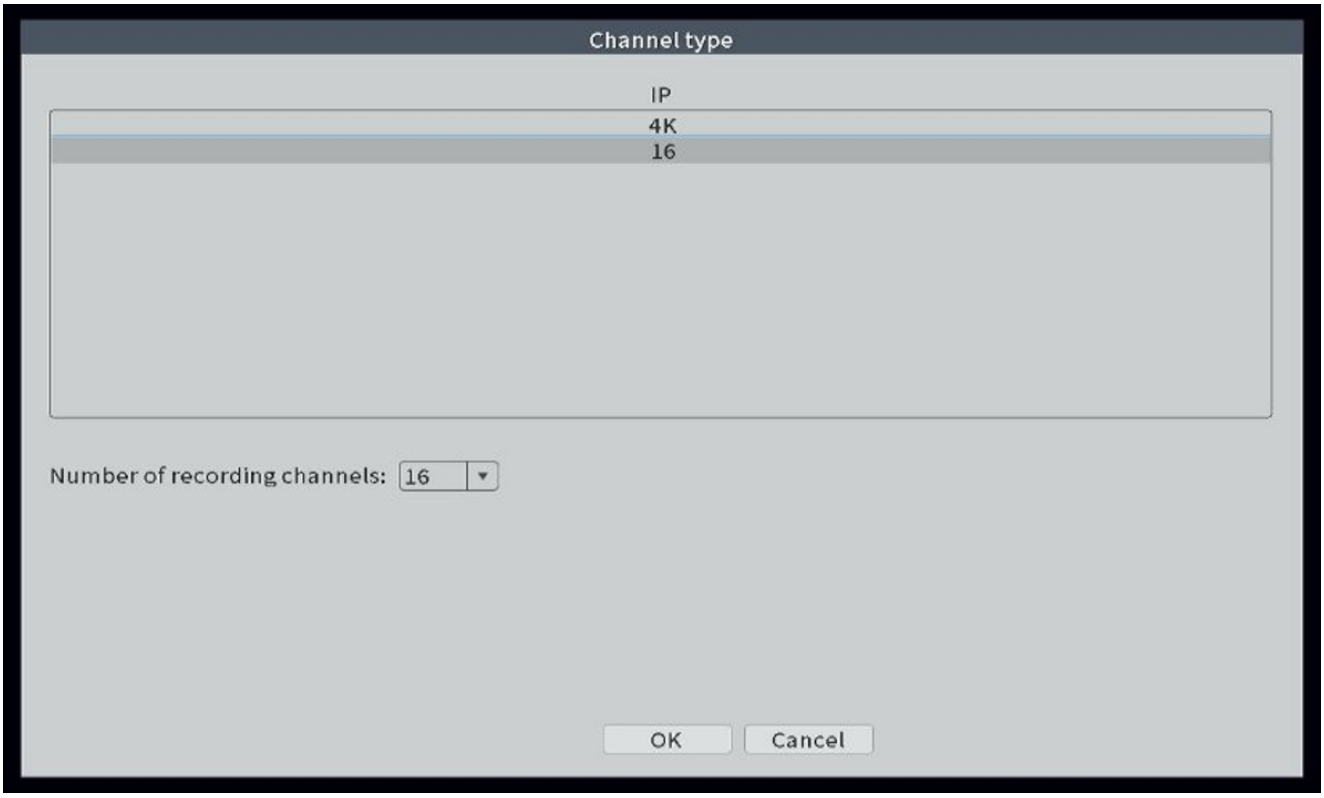


Fig.39. Channel type — select IP standard and number of channels

Channel type defines the incoming video signal format and the maximum number of recording channels.

- IP — standard IP cameras of any resolution
- 4K — mode optimised for 4K cameras (may reduce the number of simultaneous channels due to increased CPU load)
- 16 — maximum number of recording channels supported by this model

Note: Changing the channel type requires a system reboot to take effect.

14. Troubleshooting

Feature	Description
No image on monitor	Check HDMI/VGA cable and monitor input source.
Camera shows 'Not logged in'	Wrong camera password. Click Edit icon in Setup Wizard and enter correct credentials.
Cannot connect to mobile app	Check NVR has internet. Re-scan QR code from Network screen.
No recordings found	Check recording schedule in Record config. Verify HDD is formatted and has free space.
Motion alerts too frequent	Lower sensitivity or reduce the detection region in Intelligent alert.
Forgot admin password	Use Account security questions. Last resort: Advanced ▶ Restore (resets all settings).
HDD not detected	Power off, reseat HDD, power on. Then format in Advanced ▶ Storage Info.
'Insufficient resources' in playback	Select fewer channels for simultaneous playback. Use 1-channel view.

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