NVR PRO series short user manual





Partizan NVR PRO series short user manual

This manual is a quick guide to video recorder configuring, setting the parameters and getting started with the device.

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1. Preparation for work

- 1. Get the device out of the box. Remove the top cover by unscrewing the two screws with a Phillips Ph2 slot screwdriver (mounting screwdriver is not included).
- 2. Fix the HDD / SSD to the transverse mounting plate. Maximum number of SATA up to 8 pcs.
- 3. Connect the installed HDD / SSD using SATA cables to the ports on the DVR board.
- 4. Close the top cover and fix it with two screws.
- 5. Connect the mouse to the USB port
- 6. Connect the LAN cable to the LAN port
- 7. Connect the monitor to the VGA or to HDMI-1 (HDMI-2) port
- 8. Connect the 250V / 10A power cable to the DVR connector.



2. Getting started

Plug the 250V / 10A power cable into a power socket and press the ON / OFF button on the rear panel of the device. Wait for the "Startup Wizard" menu to appear on the screen.



Caution! Observe safety precautions when working with an electric network of 220 V.

Step 1 – HELP

Enter "admin" using screen keyboard and mouse when prompted for "User Name". Password is admin by default. Then click Next Step.

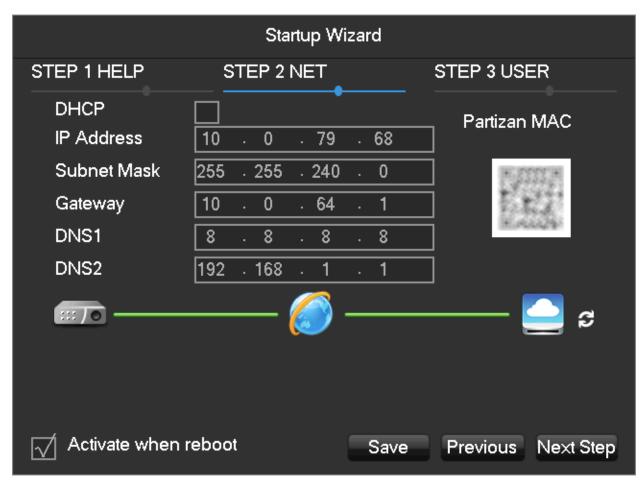
Note. If you do not need a "Startup Wizard" and wish to be immediately redirected to the split screen as soon as the device is on, uncheck the box "Activate when reboot".



Step 2 – NETWORK SETTINGS

Network configuration is required and can be accomplished by entering numerical data in all fields - IP address / Subnet mask / Gateway / DNS1 / DNS2.

QR code of Partizan MAC. It's meant to quickly add a DVR to smartphone / tablet by scanning QR code by mobile device.



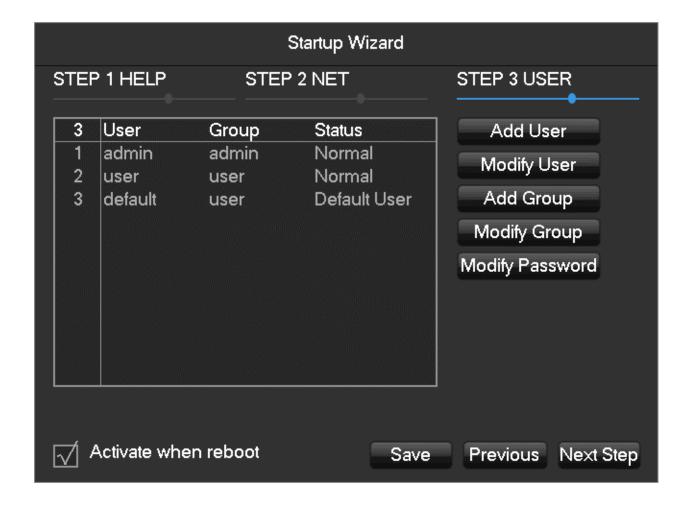
As soon network settings are done click "Save" and "Next Step"



Step 3 – USER

Adding users or groups:

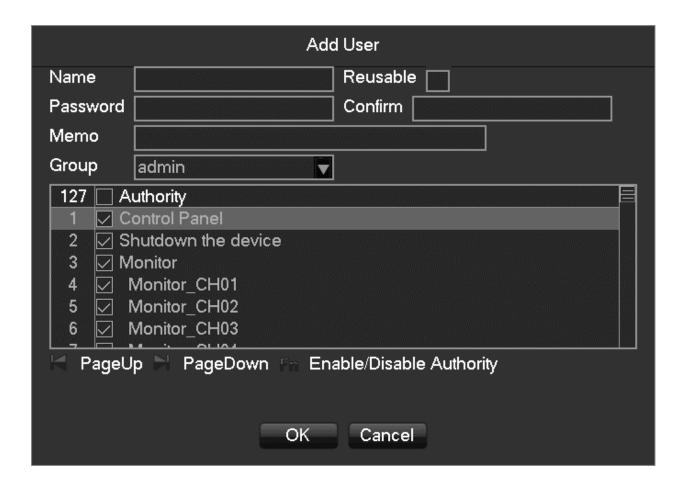
Using the "Wizard" you can manage users and user groups by assigning user rights. You can also set a new password in this menu by selecting the Modify Password option.





Assigning the rights to a new user.

The administrator can assign rights to a new user If "Add User" option was selected in the previous "Wizard" menu. New password can also be set by selecting the Password option in this menu.

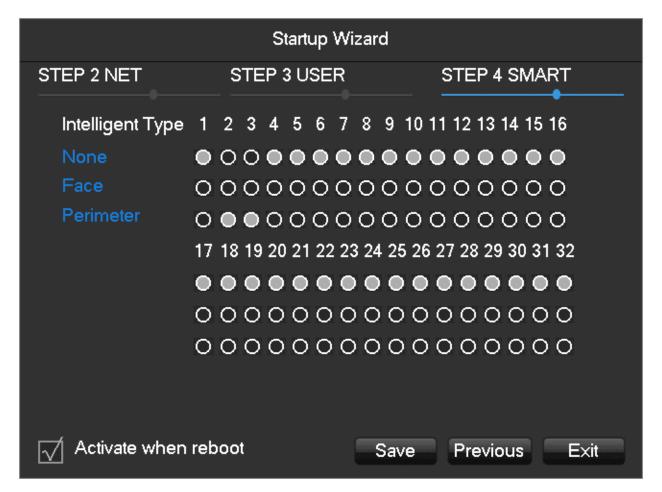




Step - 4 SMART

Work with SMART-functions.

SMART-functions may be assigned to any of 32 channels. You can turn off SMART (None), or activate special modes - automatic face detection (Face) and detection of intrusion into a set zone (Perimeter). Please note that Face mode can be enabled only in one channel and Perimeter mode can be set for not more than two channels.



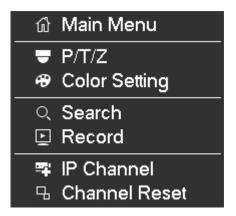
To exit the Startup Wizard, click Exit.

Note. Only one type of SMART mode can be assigned to the same channel — either Face Detection or Perimeter Intrusion Detection. Activation of both types of SMART-functions on one channel is not available!



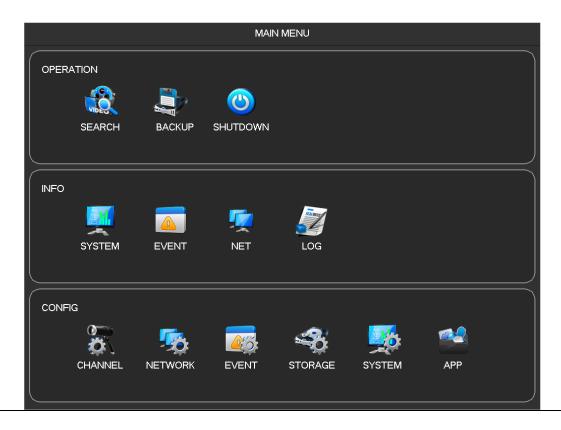
3. Main Menu

To enter the Main Menu, you need to right-click in any part of the split screen. A mini-window for quick access to device modes and functions will appear. Left-click on the "Main Menu".



The "Main Menu" contains three main sections:

- OPERATION (Actions)
- INFO (Information)
- CONFIG (Settings)



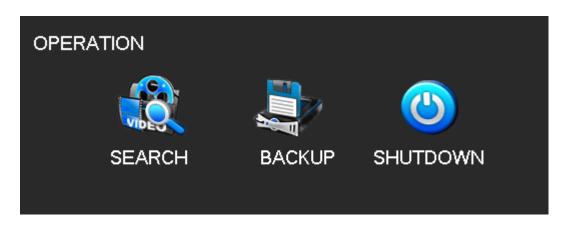
Note. As soon you hover over the "Main Menu" shortcut, information about the tool appears in a drop-down window. To exit the "Main Menu" or its section, just right-click anywhere on the screen.



4. OPERATION

The OPERATION section contains tools:

- SEARCH
- BACKUP
- SHUTDOWN



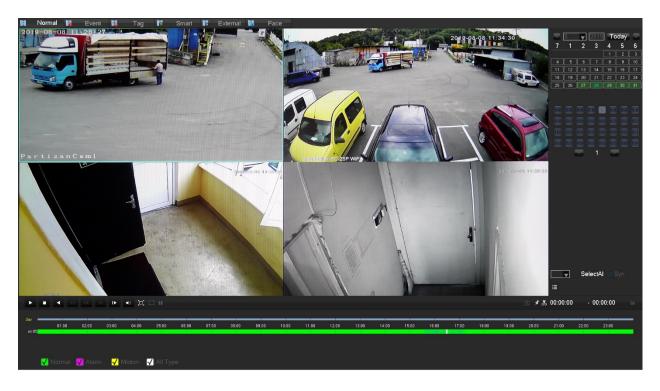
SEARCH window Interface

The line on top displays the video viewing modes - Normal, Event, Tag, SMART, External, Face.

The central part - split screen.

Top right corner - calendar (with archived video records).

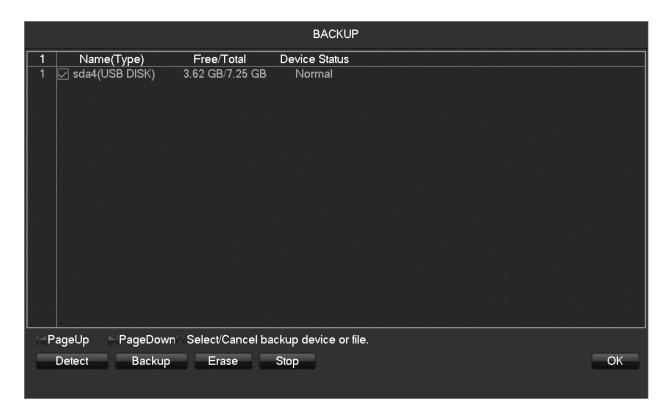
Below - timeline of the archived video recording.





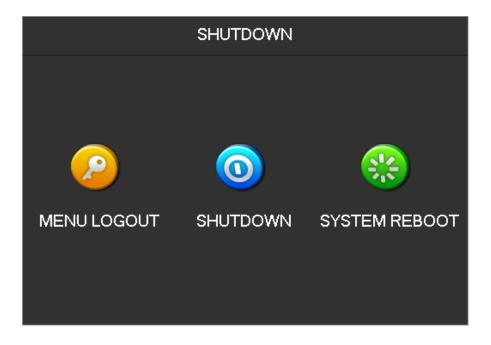
BACKUP tool

The BACKUP tool is assigned to work with video records that have been stored on external drives - USB Flash / HDD / SSD. To find these drives click on the "Detect" button.



SHUTDOWN Tool

The Shutdown tool allows you to perform one of three actions - exit the "Main Menu" (Menu Logout), turn off the video recorder (Shutdown) or reboot it (System Reboot).

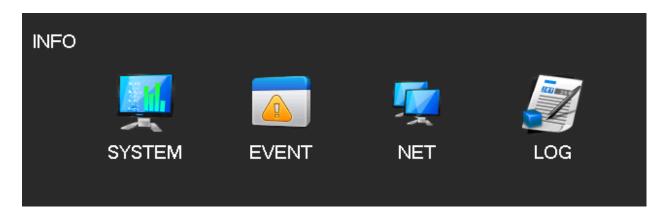




5. INFO Section

The INFO section (Information) contains the following tools:

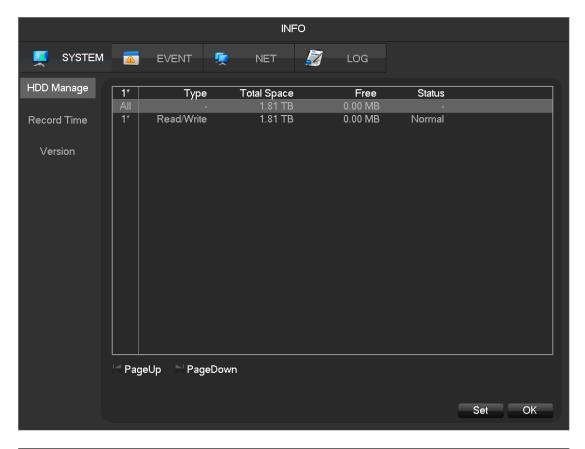
- SYSTEM (System Information)
- EVENT
- NET (Network)
- LOG (The event log)





SYSTEM tool

It displays the status of the system and of the HDD / SSD drives, information about the current version of the system.

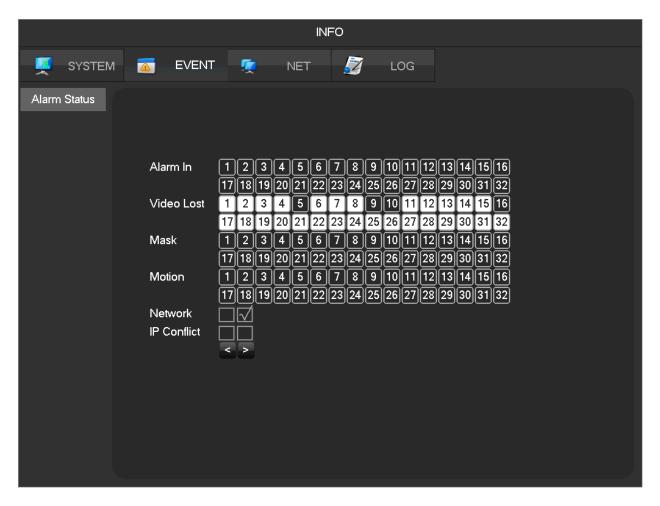






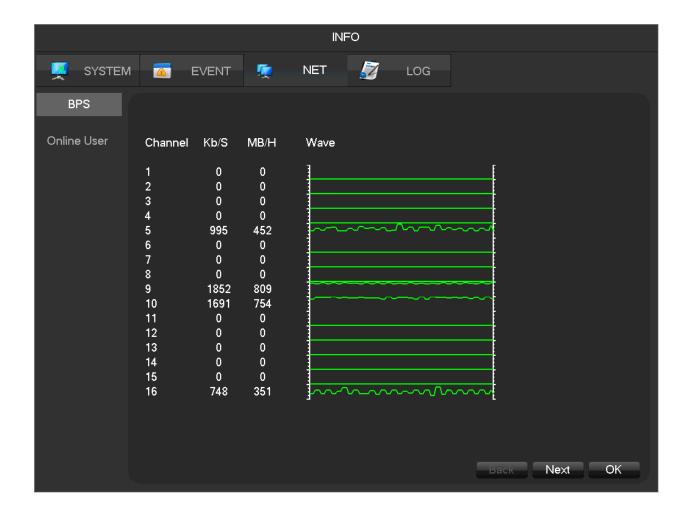
EVENT tool

The EVENT tool stores information about all incidents - sensors triggering, network conflicts and video recorder failures. This information is presented for each channel for more clarity.





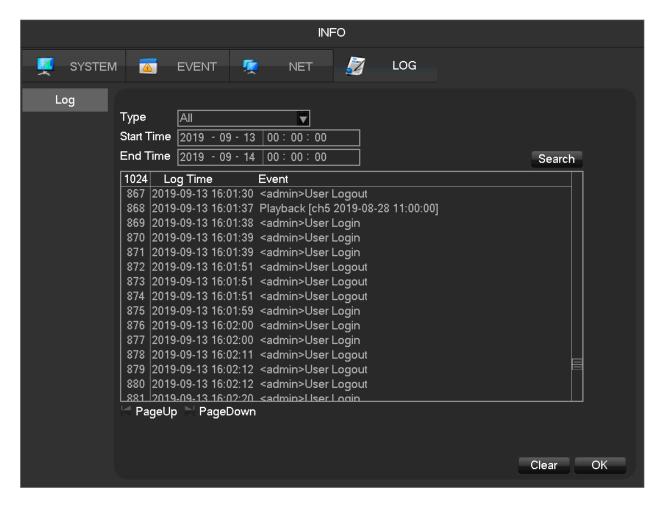
The network activity is graphically displayed here on each channel from 1 to 32 - a graph of the current traffic indicating the bitrate of the video streams.





All actions of all users (including the Administrator) are displayed in the event log, as well as information on alarms, changes in the device configuration, settings, etc.

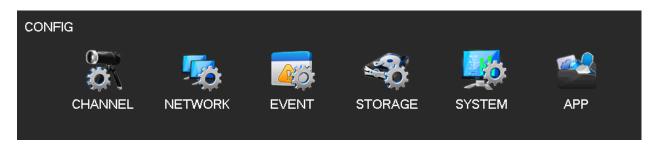
To view these events you must set data in the "Type", "Start Time" and "End Time" fields.



6. CONFIG Section

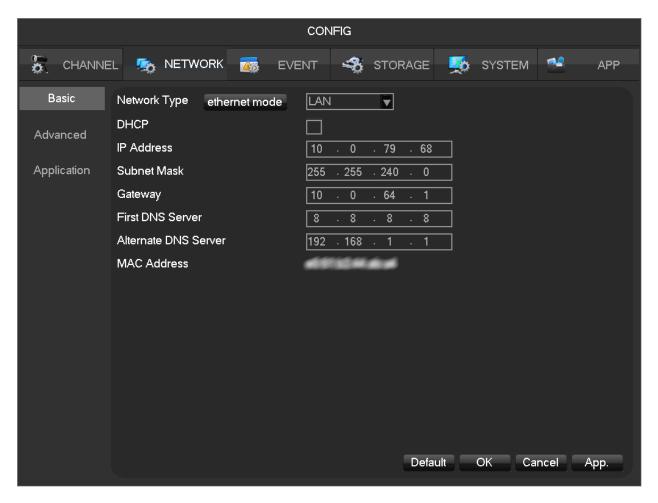
CONFIG section (Settings) contains the following tools:

- CHANNEL
- NETWORK
- EVENT
- STORAGE (HDD / SSD drives)
- SYSTEM
- APP (Additional Features)



CHANNEL tool

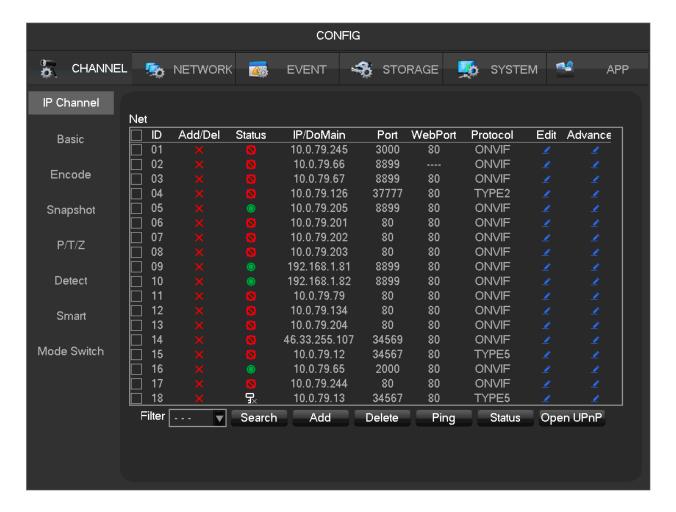
CHANNEL tool is used to check and change the channel parameters - channel name, type, protocol, video coding, SMART function management, operation mode, etc.



NETWORK Tool



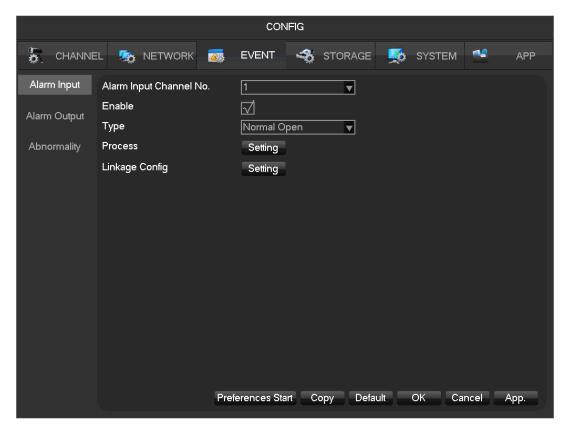
NETWORK tool is assigned to configure the network. It contains basic and advanced parameters settings.

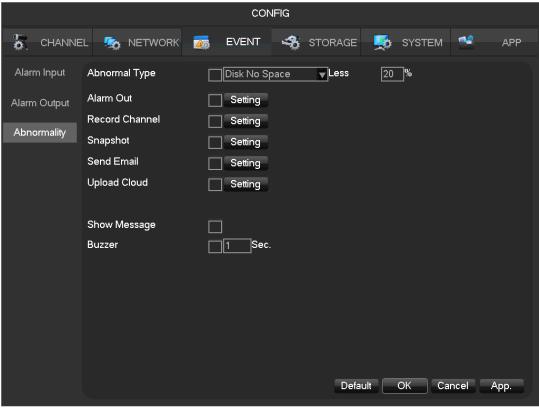




EVENT tool

EVENT tool is assigned for controlling alarm inputs / outputs, as well as for setting up reactions to alarm signals - whether to take a snapshot or to send an e-mail or to upload to cloud storage, etc.

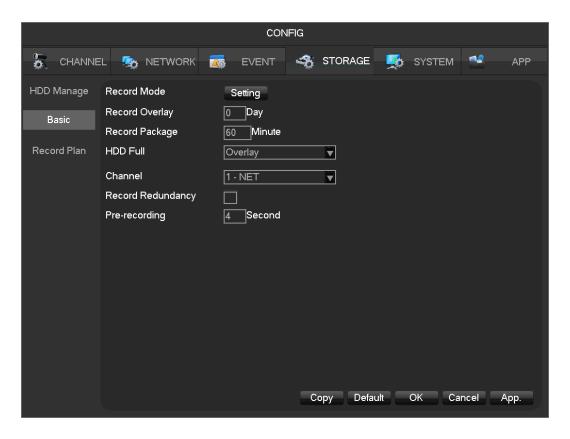


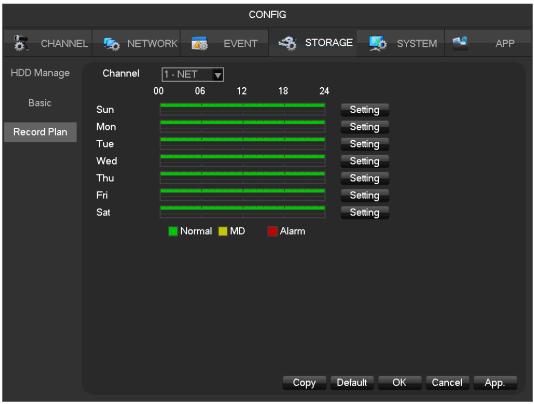




STORAGE tool

STORAGE tool is intended to manage HDD / SSD storage devices, setting the recording mode and recording schedule (by days of the week).







SYSTEM tool

SYSTEM tool includes the basic system settings (setting time, date, language, etc.), user interface themes, display and screen resolution selection, working with tours, automatic restart scheduler, single user and user group accounts, COM port settings (RS232), etc.





APP Tool

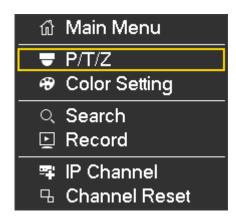
APP tool is designed to work with additional features - external services, systems, mail services, cloud storages, for Dynamic DNS configuration, etc.





7. PTZ mode

PTZ CCTV camera remote control mode. To enter the PTZ mode you need to move the mouse cursor over the active camera window on the split screen and right-click there. Then select the PTZ line in the shortcut list. After that the camera control panel will appear.



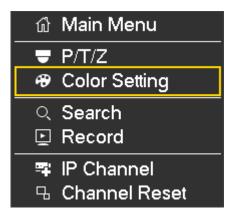
There is a joystick to rotate the camera on the PTZ CCTV camera control panel, control buttons for Zoom, Focus, Iris (resizing, focusing and iris opening) and other elements.





8. Color Setting Mode

This remote control mode of the CCTV camera settings includes settings of Brightness / Contrast / Shade / Saturation / Sharpness. To enter the mode, you need to right-click on the window of the active CCTV camera on the split screen. Then select the line "Color Setting" in the context menu bar.



Then a panel of the CCTV camera display settings will appear.

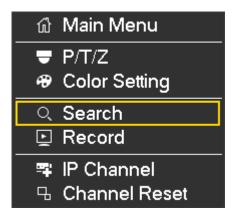




9. Search Mode

This mode is for searching videos in the archive and viewing records.

To enter the mode, you need to right-click on the window of the active CCTV camera on the split screen. Then select the line "Search" in the context menu bar.



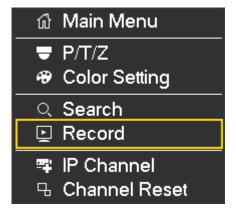
The interface of the "Search" module is described on page 10 of this manual.

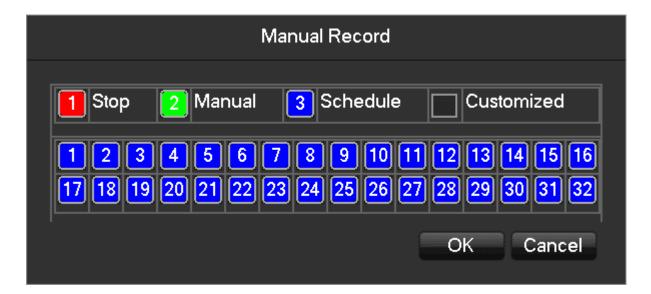




10. Record mode

This mode is to select a recording mode for each channel. To enter into this mode, you need to right-click on the window of the active CCTV camera on the split screen. Then select the line "Record" in the context menu bar.

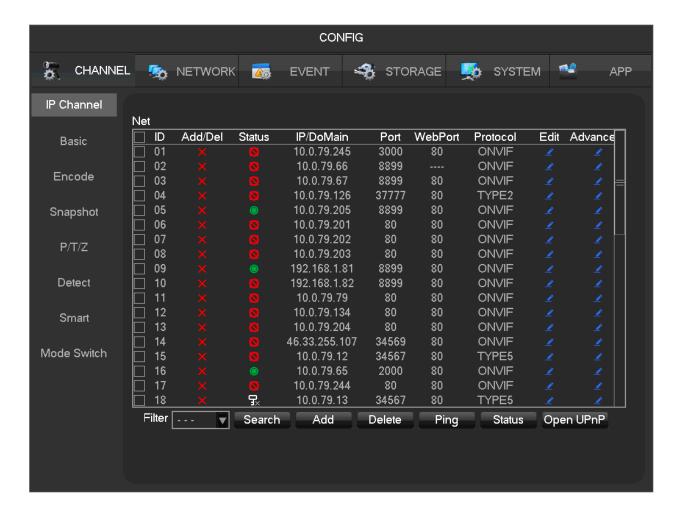




11. IP Channel Mode

This is IP channels setting mode. To enter the mode, you need to right-click on the window of the active CCTV camera on the split screen. Then select the line "IP Channel" in the context menu bar.

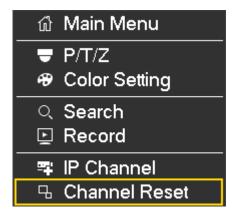




12. Channel Reset Mode



It is an active window reset mode. To enter the mode, you need to right-click on the window of the active CCTV camera on the split screen. Then select the line "Channel Reset" in the context menu bar.





13. Bottom toolbar

This toolbar appears when you hover over the bottom of the screen. It serves for quick access to some settings and modes of the video recorder.



The panel contains the following elements that activate certain modes and settings (from left to right):

- 1 Main menu (see page 7)
- 2 Split Men
- 3 Screen selection from 4 to 9 split screen view (1, 4, 9, 16, 25, 32 windows)
- 10 PTZ mode
- 11 Search Mode
- 12 Record Mode
- 13 IP channel setting mode
- 14 Alarm settings (see page 12, the EVENT tool)
- 15 Setting the output signals (types of alarms)
- 16 Device control panel activation (see page 9, SHUTDOWN tool)
- 17 "List of events" panel activation. Appears at the right of the working window. Another click on this icon closes this panel.



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