**WHAT'S IN THE BOX**

Make sure the following items are in your box:

- NVR
- Mouse
- Remote
- AC cord
- HDD screws (providing)
- Screws
- G3
- DVD-ROM

**REAR PANEL**

Use this menu to navigate the embedded menus.

**FRONT PANEL**

- NVR
- Mouse
- Remote
- AC cord
- HDD screws (provided)
- Screws
- G3
- DVD-ROM

**MENU TREE**

Use this menu tree to navigate the embedded menus.

**LOCAL ACTIVATION**

Set the Hard Drive (If Needed):

1. Set menu > SYSTEM CONFIGURATION > SYSTEM.
2. Press INIT. (Factory installed HDDs come initialized.
3. If the product does not work properly, contact your dealer or the nearest service center. Never attempt to disassemble the device yourself. (We shall not assume any responsibility for safety and consequences from illegal disassembly.)

Set Date and Time:

1. Go to MENU > SYSTEM CONFIGURATION > GENERAL.
2. Set date and time settings.
3. Change “Preferred DNS Server” value to 8.8.8.8 (leave Alternate DNS Server blank).
4. Click OK.

Set Camera Ports:

1. After assigning the IP information, click the More Settings tab.
2. Access the Web interface to change the port settings.
3. Server PORT is responsible for the device's SSO software log-in.
4. HTTP PORT is responsible for Web browser login.
5. RTSP PORT is responsible for inspecting network traffic.
6. When connection is established, check the “Preferred DNS Server” value.
7. Change “Preferred DNS Server” value to 8.8.8.8 (leave Alternate DNS Server blank).
8. Click OK.

Set Up Network Access:

1. A network connection is required to access the camera remotely.
2. Go to MENU > NETWORK CONFIGURATION > NETWORK.
3. Enable DHCP (check the checkbox).
4. Press Refresh to update the IPv4 address, subnet mask and, IPv6 default gateway.
5. Disable DHCP (uncheck the checkbox).

Set Up Port Forwarding:

1. Log into the router and proceed with port forwarding.
2. Forward the ports to the device.
3. Proceed to the router settings and forward the ports to the device.

Set Up IKS Connect P2P Cloud Service:

1. Enable IKS Connect P2P on the DVR.
2. Access the Web interface to change the port settings.
3. Click OK to save changes.
1) Click an unused camera channel’s [ Eaton ] button to display the Edit IP Camera window.
3) Use pull-down menu to change Alarm Filter value.
4) Enter the camera’s IP address and other information as required.
5) Press the OK button to add the camera.

NOTE: If camera does not connect, use SADP program to find and modify camera settings.

Third Party Camera — Must be added manually.
1) Click an unused camera channel’s [ Eaton ] button to display the Edit IP Camera window.
2) Use pull-down menu to change Alarm Filter value.
3) Enter the camera’s IP address and other information as required.
4) Press the OK button to add the camera.

5. Press [ APPL ].

Main Stream
1. Go to RECORDING CONFIGURATION > RECORD QUALITY > MAIN STREAM and set the following items:
* Record Quality (Pencil) button to add the camera.
* Substream
1. Go to RECORDING CONFIGURATION > RECORD QUALITY > SUBSTREAM and set up Substream to add the channel.

Sensitivity
Select sensitivity level (in example, sensitivity is set to 3).

Alarm Filter/Exception
1) Select [ Edit ] button to display live video.
2) Click on the File Management button to display the File Management window.
3) Choose backup device (USB flash drive, USB HDD, or DVD writer).
4) Click on the File Management button to display all marked clips.
5) Press the [ EXPORT ] button to display a new window containing all marked clips.
6) Select desired clips. 11. Click on the [ EXPORT ] button to save the inserted USB device.

Video Quality
Use Video Quality to save picture quality. High setting (low frame rate, low resolution) is recommended. Consider high bit stream rate settings for high picture quality and recording high bit rate settings for high quality.

Frame Rate
Use Frame Rate settings to set the frame rate for the video. Lower frame rates require more storage, but allows better slow motion playback.

Max Bitrate Mode
Select Max Bitrate mode to choose between pre-set bitrate values and customized values.

Max Bitrate
Use Max Bitrate to set the maximum bitrate for the video. Use pre-set values to save storage space or set customized values.

Video Input Mode
Select Video Input Mode to select the camera to record.

Event/(Motion Detection)
Use the [ SELECT ] button to select the starting time of the incident.

Playback Controls
- Begin playback (toggles between Play and Stop)
- Lock Video Clips
click [ Lock Video Clips ] button to lock the video clips.
- Export
Click [ Export ] button to save the inserted USB device.
- Play Back Record Files
1. Go to MENU > PLAYBACK.
2. Select the desired channel from the menu on the right of the screen.
3. Select desired clip and click on the [ EXPORT ] button to save.
4. Press [ EXPORT ] to save the inserted USB device.

First Choice for Security Professionals
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