Real-time

NETWORK VIDEO RECORDER
Quick Installation Guide

Visit our website for detailed product spec

12000 Ford Road, Suite 110, Dallas, Texas 75234
Tel: 972-247-1203  Fax: 972-247-1291
www.idview.com
Packing

The package contains the following items:

- Network video recorder x 1
- Power adapter x 1
- Alarm terminal block x 2
- Hard drive mounting bracket x 6
- Screws for mounting hard drive x 12
- User manual disc x 1
- Power cord x 1
- SATA connection cable x 3
- Screws for mounting bracket x 12

Installation and connections

Hard drive Installation:

Follow the steps to install or replace the hard disk,

Step 1. Take out the screws on the back panel of the unit.

Step 2. Slide opens the top cover.

Step 3. Use the HDD mounting screws attached in the accessory pack to fix the mounting brackets to the hard drive.

Step 4. Connect SATA & Power wire to Hard Disk and put it on right position of the case. Use the HDD mounting screws attached in the accessory pack to fix the hard drive with bracket firmly on to the chassis.

Step 5. Connect the SATA cables to the SATA connectors on the main board.
Connections:

**Primary connection:**
1. Connect the IP cameras to the LAN port through the hub. Power up the IP camera before powering the NVR.
2. Connect at least one proper monitor to the HDMI or VGA output. (Supporting display mode from 1024x768 up to 1920x1080)
3. Connect an USB mouse to a USB port.

**Optional connections:**
1. Connect the second monitor to the other monitor output. (Supporting display mode from 1024x768 up to 1920x1080)
2. Connect the audio signal to the AUDIO IN RCA input.
3. Connect the AUDIO OUT RCA output to the monitor or an audio speaker.
4. Connect up to 8 ALARM IN inputs through the supplied terminal blocks.
5. Connect the ALARM OUT output through the supplied terminal blocks.
6. Connect a pan/tilt/zoom control unit to the RS-485 port through the supplied terminal block.
7. Connect to your network through the Ethernet port.

**Powering up:**
1. Connect the power unit to the AC power outlet.
2. Connect the DC power cord to the 12VDC connector on the unit.
**First-time use - Full Auto Install Mode**

When the first time connect IP cameras to the NVR, the NVR will pop up install wizard window. NVR provides **Plug and Play** feature if user installs NVR in “Full Auto Install” mode. Click “Full Auto Install” and then the NVR will automatically configure IP address of a camera connected by LAN. The NVR will then detect the IP camera and display image on screen.

The connection of the LAN port is for IP cameras. The connection of the WAN port is for the NVR to Internet. This mode is suitable when the LAN is connected to a hub.

Please click “Full Auto Install” and the NVR will automatically configure IP cameras connected by LAN. After few seconds, the NVR will detect the IP cameras and display images.

* The connected IP cameras must be specific IP camera models.
* The IP camera is powered on before the NVR is power on.

![Install Wizard](image)

Note: User also can go to Configuration→System→Device→Install Wizard, to bring up the Install Wizard.

If the NVR does not configure the IP camera automatically, please recheck the conditions as listed above and rerun the Install Wizard when it’s ready.
Front Panel
The front panel includes:

1. Power button: Power On/Off NVR.
2. IR receiver: Receiver for IR remote.
3. Status indicators:
   - HDD Indicator turns on when system is accessing hard disk
   - Alarm indicator turns on when alarm is detected.
   - Exception indicator turns on when system exception alert is detected, such as disk full, disk error, no disk, network disconnect, illegal login, disk over temperature, fan fail, network fail, power loss and IP conflict.
   - Rec indicator turns on when NVR is recording.
   - WAN indicator turns on when NVR is connecting to WAN port.
   - LAN indicator turns on when NVR is connecting to LAN port.
4. CH1~CH8: Indicators turn on when the video is connected to the system.
5. USB port: USB port for connecting devices, such as USB mouse or USB flash device.

Rear Panel
The rear panel connectors are:

1. Audio In: Connect the microphone or camera audio output to the audio input connector.
2. Audio Out: Connect a speaker or other audio output device to the audio output connector.
3. VGA: Connect a VGA monitor to the VGA output connector.
4. HDMI: Connect a HDMI monitor to the HDMI output connector.
5. LAN: Connect hub with IP cameras via RJ-45 network cable.
6. WAN: Connect NVR to Internet via a RJ-45 network cable.
7. RS485 socket: For RS485 PTZ control.
8. Alarm In: Connect to 4 or 8 alarm inputs to the alarm input connectors.
10. Power: Plug the DC12V power source into the power socket.