

JideTech 8CH NVR

JideTech 4K 8 Channel PoE NVR User Manual

Model: 8CH NVR

1. INTRODUCTION AND OVERVIEW

This manual provides detailed instructions for the installation, operation, and maintenance of your JideTech 4K 8 Channel PoE Network Video Recorder (NVR). This NVR is designed for home security camera systems, supporting up to 12 channels and resolutions up to 12MP. It features Power over Ethernet (PoE) for simplified camera connections, remote access capabilities, and advanced video compression.

2. WHAT'S IN THE BOX

Please check the contents of your package against the list below:

- 1x 8 Channel NVR PoE Unit
- 1x User Manual
- 1x NVR Power Adapter
- 1x 1M Network Cable
- Mouse
- Screws (for HDD installation)



Image: The JideTech 4K 8 Channel PoE NVR unit.

3. SETUP INSTRUCTIONS

3.1. Physical Connections

Follow these steps to connect your NVR to your network and display:

1. Connect the NVR to a power source using the provided power adapter.
2. Connect the NVR to your router using the included network cable.
3. Connect a monitor to the NVR using either the HDMI or VGA port.
4. Connect the USB mouse to a USB port on the NVR for local control.
5. Connect your PoE cameras to the NVR's PoE ports. For non-PoE cameras, connect them to your network via a router and ensure they are powered separately.

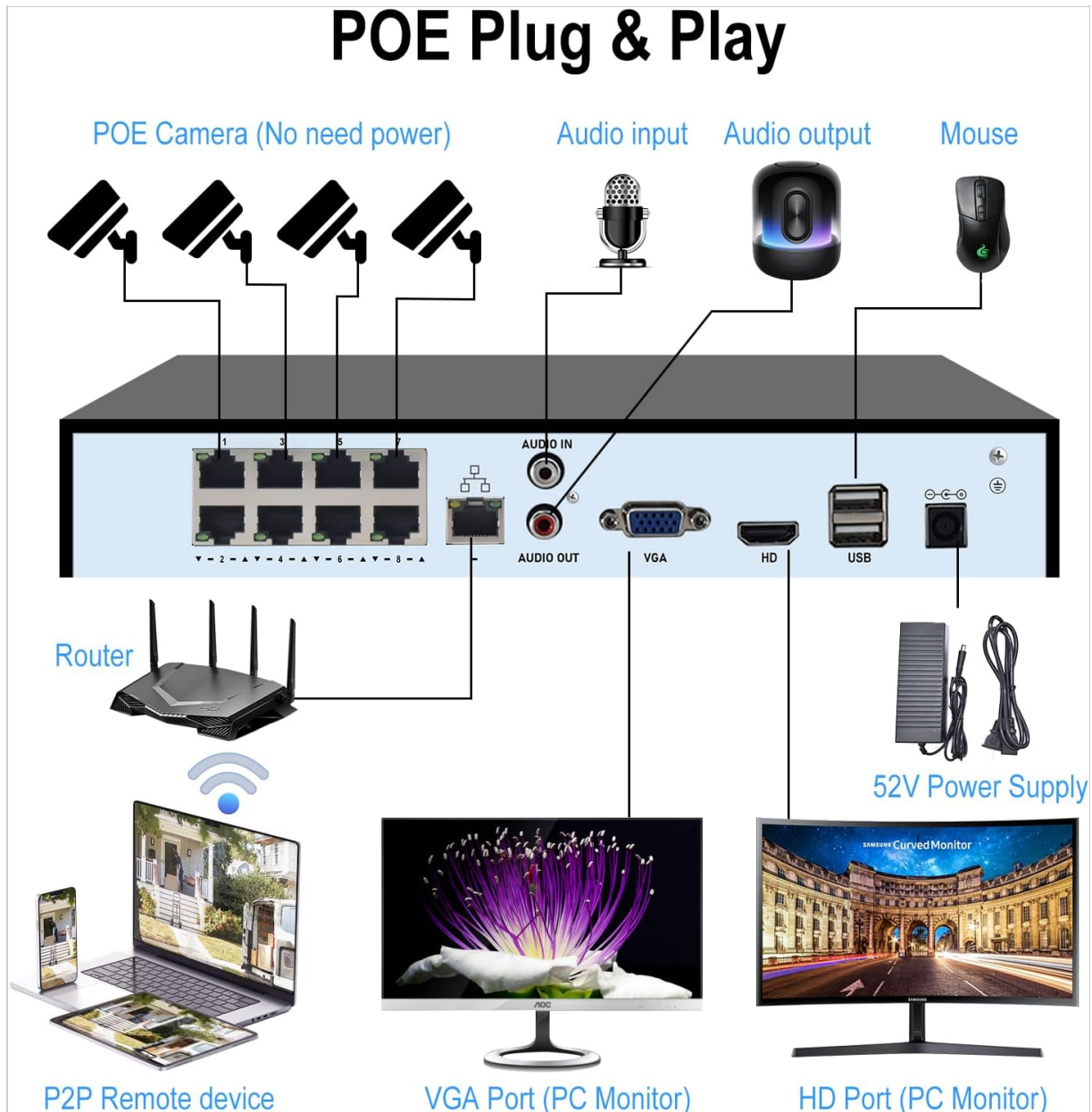
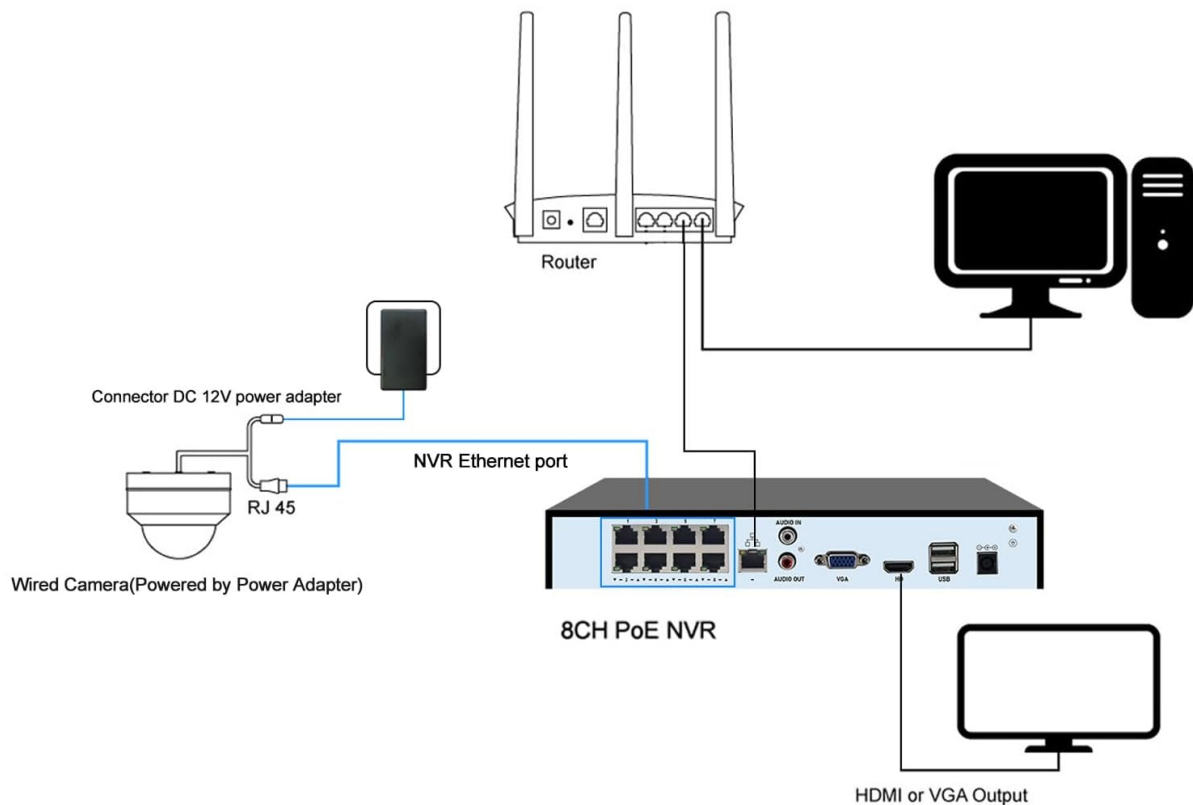


Image: Connection diagram illustrating how to connect PoE cameras, router, monitor, and mouse to the NVR.

How to connect a wired ON-vif camera?

Only a power adapter and Ethernet cable are required.



Notes: The power supply for connecting the camera should use a dedicated power supply for the camera (the NVR purchased separately does not include the camera power adapter)

Image: Diagram detailing the connection of a wired ONVIF camera to the NVR, requiring a power adapter and Ethernet cable.

3.2. Hard Drive Installation (HDD Not Included)

The NVR requires a 3.5-inch SATA hard drive (up to 14TB) for recording. Please follow these steps to install it:

1. Unscrew and remove the top cover of the NVR unit.
2. Connect the SATA data cable and power cable from the NVR to the hard drive.
3. Secure the hard drive inside the NVR chassis using the provided screws.
4. Replace the NVR cover and fasten the screws.

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Video: Instructions on how to install a hard drive into the NVR unit.

Maximum Storage

Expandable capacity up to **14TB**

*HDD NOT INCLUDED



More Video, Less Storage

Save 50% bandwidth, save storage and enjoy smooth streaming.

H.264



H.265+



Image: The NVR unit shown with a hard drive, highlighting its maximum storage capacity of 14TB.

4. OPERATING INSTRUCTIONS

4.1. Remote Access

The NVR supports remote access via PC/Mac or the Videolink App for Android/iOS. Once connected to the internet, you can view real-time footage and playback recordings from anywhere.



Unlimited Remote Access



Focus on Any Moment



Real Time Alerts

ONVIF On-vif Compatibility

Easy Remote Access

Download the 'Videolink' Software,
APP and Computer Remote Management

Image: Illustration of remote access to the NVR system using various devices like a PC, tablet, and smartphone application.

4.2. Motion Detection and Smart Playback

Configure motion detection settings to receive instant notifications and email alerts on your phone when movement is detected. The smart playback feature allows you to quickly review recorded video at up to 16x speed to locate specific events.



Smart Human Detection & APP Alerts

Instantly receive message once motion is detected

Image: Depiction of the smart human detection feature, triggering app alerts when motion is detected.

5. KEY FEATURES

- **4K UltraHD Resolution:** Supports recording, playback, and live view up to 12MP resolution. HDMI output up to 4K@30fps, VGA output up to 1080P@30fps.
- **12 Channel Expandable NVR:** Built-in 8 PoE ports (IEEE802.3at, up to 30W per port) for 8 PoE cameras. Expandable to 12 channels with additional PoE switches.
- **ONVIF Compatibility:** Works with most third-party ONVIF IP cameras.
- **Advanced Video Compression:** Supports H.265+/H.265/H.264 formats, reducing storage space and bandwidth by up to 75%.
- **Large Storage Capacity:** Equipped with 1 SATA interface, supporting a single hard drive up to 14TB (HDD not included).
- **Motion Detection & Smart Playback:** Instant notifications and email alerts for detected motion. Playback recording at up to 16x speed.
- **Local & Remote Access:** Easy configuration and control via PC/Mac or Videolink App (Android/iOS).

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Video: Demonstration of how to connect a network video recorder surveillance system.

6. SPECIFICATIONS

Brand	JideTech
Model Number	8CH-NVR
Connectivity Technology	Ethernet, HDMI, USB, VGA
Compatible Devices	IP Camera, PoE Camera
Product Dimensions (L x W x H)	9.88" x 8.42" x 1.57"
Memory Storage Capacity	Up to 14 TB (HDD not included)
Number of Channels	8 (Expandable to 12)
Media Format Digital Video	HDD
Audio Input	RCA
Total USB Ports	2
Video Input	HDMI, VGA
Item Weight	2.8 Pounds

7. MAINTENANCE

To ensure optimal performance and longevity of your NVR, consider the following maintenance tips:

- **Regular Cleaning:** Keep the NVR unit free from dust and debris. Use a soft, dry cloth for cleaning. Ensure ventilation openings are not blocked.
- **Firmware Updates:** Periodically check the manufacturer's website for firmware updates. Keeping your NVR's firmware up-to-date can improve performance, add new features, and enhance security.
- **Data Backup:** Regularly back up important recordings to an external storage device or cloud service to prevent data loss.
- **Environmental Conditions:** Operate the NVR within recommended temperature and humidity ranges to prevent damage. Avoid direct sunlight and excessive heat.

8. TROUBLESHOOTING

If you encounter issues with your JideTech NVR, refer to the following common troubleshooting steps:

- **No Power:**
 - Ensure the power adapter is securely connected to both the NVR and a working power outlet.
 - Verify the power outlet is functional by plugging in another device.
- **No Video Output:**
 - Check HDMI/VGA cable connections between the NVR and the monitor.
 - Ensure the monitor is powered on and set to the correct input source.
 - Try a different HDMI/VGA cable or monitor if available.
- **Cameras Not Displaying:**

- For PoE cameras, ensure they are properly connected to the NVR's PoE ports and receiving power.
 - For non-PoE cameras, verify they are powered on and connected to the same local network as the NVR.
 - Check camera IP addresses and ensure they are not conflicting.
 - Confirm cameras are ONVIF compatible and added correctly to the NVR system.
- **Remote Access Issues:**
 - Ensure the NVR is connected to the internet.
 - Verify network settings (IP address, gateway, DNS) on the NVR.
 - Check firewall settings on your router that might be blocking access.
 - Ensure the Videolink App or PC software is up-to-date.
- **Recording Problems:**
 - Confirm a hard drive is installed and properly formatted by the NVR.
 - Check the hard drive status in the NVR's system settings.
 - Ensure recording schedules are correctly configured.

If these steps do not resolve your issue, please contact JideTech customer support for further assistance.

9. WARRANTY AND SUPPORT

JideTech offers comprehensive support for its products. For specific warranty details, please refer to the documentation included with your purchase or visit the official JideTech website.

Additional protection plans are available for purchase:

- 2-Year Protection Plan
- 3-Year Protection Plan
- Complete Protect (monthly billing)

For technical support, troubleshooting, or any product-related inquiries, please contact JideTech customer service.