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LTS LTN8708D-P8N

LTS LTN8708D-P8N 8 Channel PoE NVR User Manual

Model: LTN8708D-P8N

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your LTS LTN8708D-P8N 8 Channel Power-over-Ethernet (PoE) Network Video Recorder (NVR). Please read this manual thoroughly before using the product to ensure proper and safe operation.

PRODUCT OVERVIEW

The LTS LTN8708D-P8N is an 8-channel PoE NVR designed for advanced surveillance systems, supporting up to 12MP resolution cameras. It features intelligent human and vehicle detection capabilities to enhance security monitoring.

Key Features:

- Up to 8 IP camera input channels.
- Plug & play functionality with 8 power-over-Ethernet (PoE) interfaces.
- Supports H.264 / H.264+ / H.265 / H.265+ video compression formats.
- Decoding capacity: Up to 2 channels at 12 MP, 3 channels at 8 MP, 6 channels at 4 MP, or 12 channels at 1080p.
- Up to 80 Mbps incoming bandwidth.
- Provides MD 2.0 / VCA functions for intelligent detection.
- Includes a pre-installed 2TB hard drive for immediate recording.
- Equipped with 2 SATA interfaces for additional storage expansion.



This image displays the front and rear panels of the LTS LTN8708D-P8N NVR. The front panel typically includes status indicators and a USB port, while the rear panel features multiple PoE ports for camera connections, LAN port, audio input/output, HDMI, VGA, USB ports, and the power input.

WHAT'S IN THE BOX

Upon unpacking, verify that all items listed below are present and in good condition:

- LTS LTN8708D-P8N NVR unit (with pre-installed 2TB hard drive)
- Power Adapter
- USB Mouse
- Remote Control
- SATA Cables (for additional hard drives)
- Ethernet Cable
- Mounting Screws for HDD



This image shows the accessories typically included with the NVR, which consist of a power adapter, mouse, remote control, SATA cables for additional hard drives, and an Ethernet cable.

SETUP

1. Unpacking and Inspection

Carefully remove the NVR and all accessories from the packaging. Inspect for any signs of damage. If any components are missing or damaged, contact your vendor immediately.

2. Hard Drive Installation (Optional)

Your NVR comes with a 2TB hard drive pre-installed. If you wish to install additional hard drives (up to two SATA drives supported), power off the NVR, open the casing, connect the SATA data and power cables to the new drive, and secure it with the provided screws. Close the casing before powering on.

3. Connecting Peripherals

- Cameras:** Connect IP cameras to the NVR's PoE ports using Ethernet cables. The NVR will provide power and data.
- Monitor:** Connect a monitor to the NVR's HDMI or VGA output port.
- Network:** Connect the NVR's LAN port to your network router or switch using an Ethernet cable for remote access and internet connectivity.
- Power:** Connect the provided power adapter to the NVR's power input and then to a power outlet.
- USB Devices:** Connect the USB mouse to a USB port for navigation.

4. Initial Configuration

Upon first power-on, the NVR will guide you through an initial setup wizard. Follow the on-screen prompts to set up administrator passwords, network settings, date/time, and hard drive initialization. Ensure you set a strong password for security.

OPERATING INSTRUCTIONS

1. User Interface Navigation

Use the connected USB mouse to navigate the NVR's graphical user interface (GUI). Right-click to access the main menu, and left-click to select options or open sub-menus.

2. Live View and Playback

- Live View:** From the main screen, you can view live feeds from all connected cameras. Double-click a camera window to view it in full screen.
- Playback:** Access the 'Playback' menu to review recorded footage. Select the desired camera, date,

and time to start playback.

3. Human and Vehicle Detection

The NVR's advanced MD 2.0 / VCA functions allow for intelligent detection of humans and vehicles, minimizing false alarms from environmental factors. Configure these settings in the 'Event' or 'Smart Analysis' menu.



This image illustrates the Human and Vehicle Detection feature, highlighting how the NVR can differentiate between humans, vehicles, and other movements like rain, leaves, or animals to reduce false alarms. Alerts are sent to a connected device, as shown by the smartphone notification.

4. Recording Settings

Customize recording schedules, motion detection areas, and recording quality in the 'Record' menu. You can set continuous recording, motion-triggered recording, or scheduled recording.

5. Network Access

Configure network settings (IP address, port forwarding) in the 'Network' menu to enable remote viewing via a mobile app or web browser. Ensure your network is secure.

MAINTENANCE

1. Hard Drive Management

Regularly check the status of your hard drives in the 'HDD Management' menu. Format drives as needed, especially after initial installation or if issues arise. Ensure sufficient storage space for recordings.

2. Firmware Updates

Periodically check the manufacturer's website for firmware updates. Updating the firmware can improve performance, add new features, and enhance security. Follow the provided instructions carefully during the update process.

3. System Backup and Restore

Regularly back up important configuration settings to a USB drive. This allows for quick restoration in case of system resets or failures. The 'Backup' and 'Restore' options are typically found in the 'System' menu.

TROUBLESHOOTING

Common Issues and Solutions

- No Video Output:** Check monitor connections, power supply, and ensure the correct input source is selected on the monitor. Verify NVR power status.
- Cameras Not Displaying:** Ensure cameras are properly connected to PoE ports and receiving power. Check camera IP addresses and network settings.
- No Recording:** Verify hard drive status and ensure it is initialized. Check recording schedules and motion detection settings.
- Remote Access Failure:** Confirm network connectivity, correct IP address/port forwarding settings, and firewall configurations. Ensure the mobile app or software is up to date.
- Forgotten Password:** Refer to the manufacturer's official support resources for password reset procedures.

SPECIFICATIONS

Feature	Specification
Model Number	LTN8708D-P8N
IP Camera Inputs	8 Channels
PoE Interfaces	8 Ports
Max Resolution	Up to 12 MP
Video Compression	H.265+/H.265/H.264+/H.264
Incoming Bandwidth	80 Mbps
Decoding Capacity	2-ch@12 MP, 3-ch@8 MP, 6-ch@4 MP, or 12-ch@1080p
SATA Interfaces	2 (supports up to 10TB per interface)
Pre-installed HDD	2 TB
Intelligent Functions	MD 2.0 / VCA (Human and Vehicle Detect)
Product Dimensions	15.2 x 12.4 x 2 inches

Feature	Specification
Item Weight	8 pounds
Connectivity Technology	Ethernet

WARRANTY AND SUPPORT

For warranty information, technical support, and service inquiries, please refer to the official LTS Security website or contact your authorized vendor. Keep your purchase receipt and product serial number readily available for any warranty claims or support requests.