AVer TR333V2

AVer TR333V2 4K PTZ Camera User Manual

Model: TR333V2

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your AVer TR333V2 4K PTZ Camera. Please read this manual thoroughly before using the product to ensure proper setup and optimal performance. Keep this manual for future reference.

SETUP

1. Unpacking and Inspection

Carefully remove all components from the packaging. Verify that all items listed in the packing list are present and undamaged. If any items are missing or damaged, contact your dealer immediately.

Figure 1: AVer TR333V2 4K PTZ Camera. This image shows the front view of the camera, highlighting its lens and general form factor.

2. Physical Installation

The TR333V2 camera can be installed in various configurations, including desktop, wall-mount, or ceiling-mount. Ensure the mounting surface is stable and can support the camera's weight. Use appropriate mounting hardware (not included unless specified by your dealer).

- **Desktop Placement:** Place the camera on a flat, stable surface. Ensure adequate ventilation around the unit.
- **Wall/Ceiling Mount:** Securely attach the camera to a wall or ceiling using a compatible mounting bracket. Follow the bracket's specific installation instructions. Ensure the camera is level and oriented correctly for your desired field of view.

3. Connecting Cables

Connect the necessary cables to the camera's rear panel. Refer to the port labels for correct connections.

- **Power:** Connect the provided power adapter to the DC IN port and then to a power outlet.
- **Video Output:** Connect an HDMI, SDI, or IP cable to your display or streaming device. The camera supports

4K resolution output.

- **USB:** Connect a USB cable to the USB port for direct connection to a computer for video and control.
- **Network (LAN):** Connect an Ethernet cable to the LAN port for IP streaming and network control.
- **Audio Input:** Connect external microphones or audio sources to the audio input ports if required.

4. Initial Power-On

After all connections are secure, plug the power adapter into an electrical outlet. The camera will perform a self-test, and the indicator light will illuminate. Allow a few moments for the camera to initialize.

OPERATING THE CAMERA

1. Basic Controls

The TR333V2 can be controlled via a remote control, web interface, or third-party control systems. Basic functions include:

- **Pan/Tilt/Zoom (PTZ):** Adjust the camera's horizontal (pan), vertical (tilt), and optical zoom (30x) to frame your subject.
- **Focus:** The camera features auto-focus. Manual focus adjustment may be available via the web interface for specific scenarios.
- **Presets:** Save and recall specific camera positions (pan, tilt, zoom, focus) for quick scene changes.

2. Auto-Tracking Features

The TR333V2 incorporates advanced AI technology for automatic tracking. This feature allows the camera to follow a presenter or subject without manual intervention.

- **Speaker Tracking:** The camera identifies and follows a designated speaker within the defined tracking area.
- **Zone Tracking:** Define specific zones within the camera's field of view. The camera will track subjects moving within these predefined zones.
- **Configuration:** Auto-tracking settings, including tracking sensitivity and exclusion zones, are configured via the camera's web interface. Refer to the web interface manual for detailed setup.

3. Live Streaming and Recording

The camera supports 4K live streaming and can output video simultaneously via USB and IP.

- **IP Streaming:** Configure streaming protocols (e.g., RTMP, RTSP) via the web interface to stream directly to platforms or media servers.
- **USB Output:** Connect the camera to a computer via USB for use with video conferencing software or recording applications.

4. Web Interface Access

To access advanced settings and features, open a web browser and enter the camera's IP address. The default IP address can usually be found in the quick start guide or obtained using AVer's IP Finder utility. Log in with the default username and password (refer to your quick start guide for credentials).

MAINTENANCE

1. Cleaning

Regularly clean the camera lens and body to ensure optimal performance and image quality.

- **Lens:** Use a soft, lint-free cloth specifically designed for optical lenses. If necessary, use a small amount of lens cleaning solution. Avoid abrasive materials or harsh chemicals.
- **Body:** Wipe the camera body with a soft, dry cloth. Do not use liquid cleaners directly on the camera.

2. Firmware Updates

Periodically check the AVer website for firmware updates. Firmware updates can improve performance, add new features, and resolve known issues. Follow the instructions provided with the firmware update package carefully.

3. Storage

If storing the camera for an extended period, disconnect all cables, power off the unit, and store it in a dry, dust-free environment at a moderate temperature. Use the original packaging if available.

TROUBLESHOOTING

This section addresses common issues you might encounter with the AVer TR333V2 camera.

Problem	Possible Cause	Solution
No power indicator	Power cable disconnected; Power outlet faulty	Check power cable connection; Try a different power outlet
No video output	Video cable disconnected/faulty; Incorrect input selected on display; Camera not initialized	Verify video cable connections; Select correct input on display; Wait for camera initialization
Auto-tracking not working	Tracking feature disabled; Incorrect tracking zone setup; Insufficient lighting; Subject too far/small	Enable tracking via web interface; Reconfigure tracking zones; Ensure adequate lighting; Adjust camera position or zoom
Cannot access web interface	Incorrect IP address; Network cable disconnected; Firewall blocking access	Verify camera's IP address; Check network cable; Temporarily disable firewall or add exception

If the problem persists after attempting these solutions, please contact AVer technical support.

SPECIFICATIONS

The following table details the key specifications of the AVer TR333V2 4K PTZ Camera.

Feature	Detail
Brand	AVer
Model Number	TR333V2
Item Weight	9 pounds
Video Capture Resolution	480p, 720p (Supports 4K UHD output)
Optical Zoom	30 x

Feature	Detail
Digital Zoom	30 x
Lens Type	Zoom
Focus Type	Auto Focus
Form Factor	Compact
Shooting Modes	Automatic
Image Stabilization	No

WARRANTY AND SUPPORT

Warranty Information

AVer products are backed by a limited warranty. The specific terms and duration of your warranty may vary by region and product. Please refer to the warranty card included with your product or visit the official AVer website for detailed warranty information.

Technical Support

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact AVer customer support. You can find contact information, FAQs, and additional resources on the official AVer website:

Visit AVer Official Website