Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Tennoz 5MP

Tennoz 5MP PoE IP Vandal Dome Security Camera Instruction Manual

Model: 5MP PoE IP Vandal Dome Security Camera

1. Introduction

This manual provides detailed instructions for the installation, operation, maintenance, and troubleshooting of your Tennoz 5MP PoE IP Vandal Dome Security Camera. Please read this manual thoroughly before using the product to ensure proper setup and functionality. Keep this manual for future reference.



Image 1.1: Front view of the Tennoz 5MP PoE IP Vandal Dome Security Camera.

2. Product Overview

2.1 Key Features

- **5 Megapixel Super HD Resolution:** Provides clear images at 2592 x 1944 pixels.
- **Power over Ethernet (PoE):** Single Ethernet cable for both data and power.
- **2.8mm Fixed Lens:** Offers a 105° wide viewing angle.
- **H.265/H.264 Compression:** Efficient video storage and transmission.
- **Built-in Microphone:** Enables one-way audio recording.
- **IP66 Waterproof & Vandal-Proof:** Durable metal casing suitable for outdoor use.
- **80ft IR Night Vision:** Enhanced visibility in low-light conditions.
- **Human Motion Detection:** Intelligent detection to reduce false alerts.
- **Wide Dynamic Range (WDR):** Improves image quality in varying light conditions.

- **ONVIF Compliant:** Ensures compatibility with various NVRs and software.

2.2 Camera Components

The camera features a robust design with essential components for optimal performance.

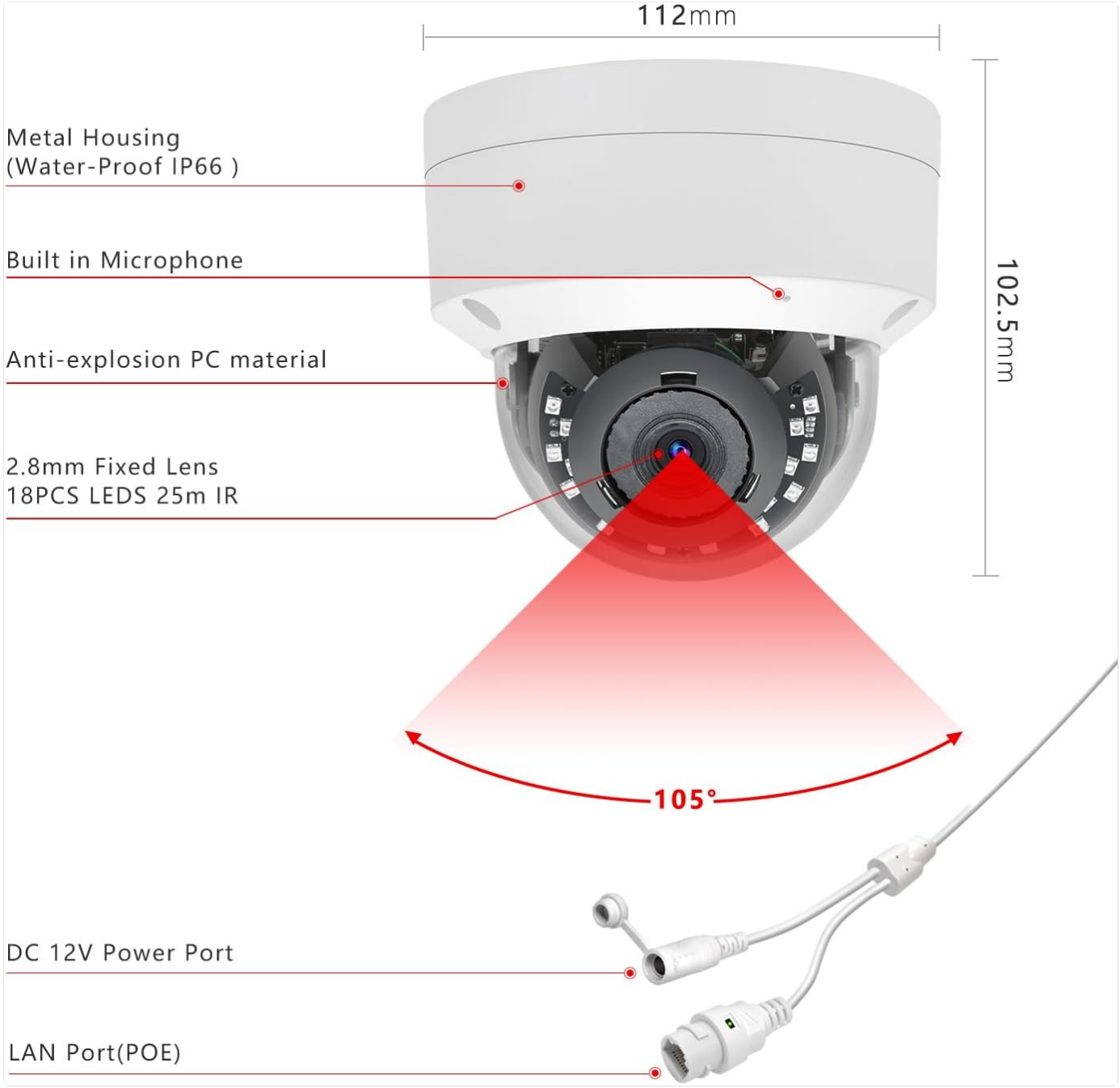


Image 2.1: Diagram illustrating camera components and dimensions. Key features include a metal housing (IP66 waterproof), built-in microphone, anti-explosion PC material dome, 2.8mm fixed lens, 18PCS LEDs for 25m IR night vision, 105° viewing angle, DC 12V power port, and LAN Port (PoE).

3. Setup Guide

3.1 Installation

1. **Choose a Mounting Location:** Select a suitable ceiling mount location, preferably under an overhang for added protection, ensuring a clear field of view. The camera is IP66 rated for outdoor use.
2. **Secure the Camera:** Use appropriate screws and anchors to securely mount the camera base to the chosen surface.
3. **Adjust Camera Angle:** Loosen the adjustment screws to position the camera lens for the desired viewing angle.

Tighten the screws once adjusted.

3.2 Connection

The camera supports Power over Ethernet (PoE) for simplified installation.

1. **PoE Connection:** Connect an Ethernet cable from a PoE switch or PoE injector (not included) directly to the camera's LAN port. This single cable provides both power and data.
2. **Alternative Power (Optional):** If not using PoE, connect a 12V DC power adapter (not included) to the DC 12V power port and an Ethernet cable to the LAN port for data.
3. **NVR/Router Connection:** Connect the PoE switch or PoE injector to your Network Video Recorder (NVR) or router.
4. **Network Configuration:** Ensure your NVR or network is configured to recognize new IP devices. The camera supports DHCP by default for easy integration with compatible NVRs (Hikvision, LTS, EZVIZ, Dahua, Uniview, TVT, Raysharp).



Image 3.1: Connection diagram showing the camera connected to a router and NVR via a PoE switch/injector. The setup allows viewing on mobile devices (App Store, Google Play) and computers (various browsers).

4. Operating Instructions

4.1 Accessing the Camera Feed

- **Via NVR:** If connected to a compatible NVR, access the camera feed and settings through the NVR interface.
- **Via PC/Mobile App:** Download the recommended application (check product packaging or manufacturer's website for details) for your smartphone or PC. Follow the app's instructions to add and view your camera.
- **Via Web Browser:** Access the camera's web interface by entering its IP address into a web browser (e.g., Google Chrome, Mozilla Firefox, Microsoft Edge).

4.2 Human Motion Detection

The camera features advanced human motion detection to distinguish human shapes from other moving objects, reducing false alarms.

- **Activation:** Enable human motion detection in the camera's settings via your NVR, mobile app, or web interface.
- **Alerts:** Configure alert notifications such as push video links, email alerts, or FTP uploads when human motion is detected.



Image 4.1: Illustration of human motion detection, highlighting detected individuals with green squares to reduce unnecessary alerts.

4.3 Night Vision

The camera is equipped with IR LEDs to provide clear night vision up to 80 feet (25 meters).

- **Automatic Activation:** The IR LEDs automatically activate in low-light conditions, switching the camera to black and white night vision mode.
- **Day/Night Transition:** The camera automatically switches between day (color) and night (black and white IR) modes based on ambient light levels.



Image 4.2: Comparison of 5MP IP camera day and night vision, showing a street scene in full color during the day and clear black and white with IR illumination at night.

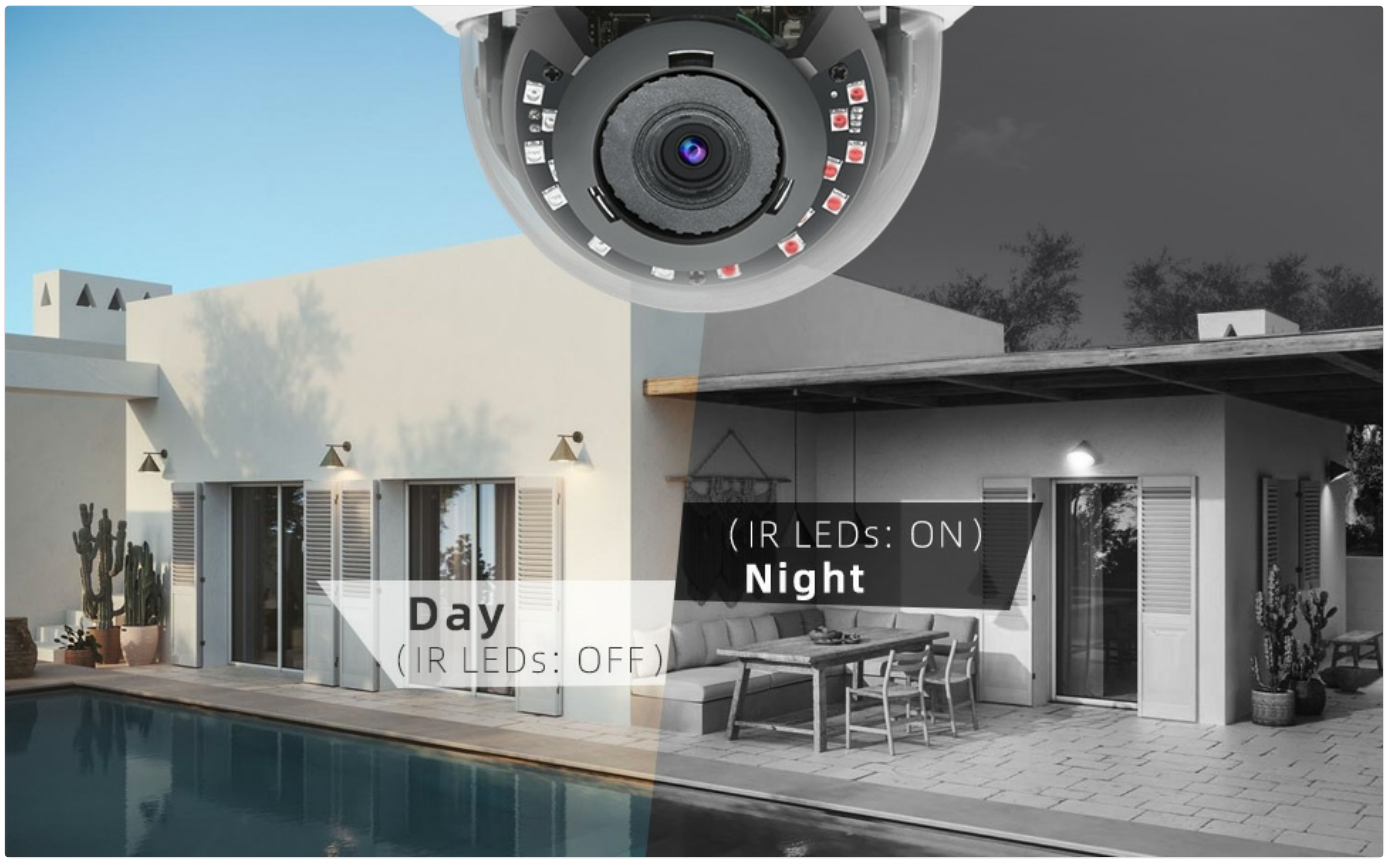


Image 4.3: Visual representation of the camera's day mode (IR LEDs off) and night mode (IR LEDs on) for optimal visibility in varying light conditions.

4.4 One-Way Audio

The built-in waterproof microphone allows for one-way audio recording, capturing sound from the camera's vicinity.

- **Audio Recording:** Audio is recorded along with video footage.
- **Playback:** Listen to recorded audio through your NVR or viewing application.



Image 4.4: Diagram illustrating the one-way audio feature, showing the built-in microphone capturing sound for authentic video recording.

5. Maintenance

Regular maintenance ensures optimal performance and longevity of your security camera.

- **Lens Cleaning:** Periodically clean the camera lens with a soft, damp cloth to remove dust, dirt, or water spots. Avoid abrasive cleaners.
- **Housing Inspection:** Check the camera housing for any signs of damage or loose components. Ensure all seals are intact to maintain IP66 waterproof rating.
- **Cable Inspection:** Inspect all cables for wear, cuts, or loose connections. Secure any loose cables to prevent damage.
- **Software Updates:** Check the manufacturer's website or your NVR/app for available firmware updates to ensure the camera has the latest features and security patches.



Image 5.1: Icon representing the camera's weatherproof design, suitable for various outdoor conditions including sun, rain, and snow.

6. Troubleshooting

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

- **No Image/Video:**
  - Ensure the camera is properly powered (PoE or 12V DC adapter).
  - Check Ethernet cable connections for secure fit and integrity.
  - Verify network connectivity and NVR settings.
- **Poor Image Quality:**
  - Clean the camera lens.
  - Check for obstructions in the camera's field of view.
  - Ensure sufficient lighting for optimal day vision; verify IR LEDs are functioning for night vision.
- **Motion Detection Not Working:**
  - Confirm human motion detection is enabled in settings.
  - Adjust sensitivity settings if necessary.
  - Ensure the camera's view is not obstructed.
- **No Audio:**
  - Verify the built-in microphone is enabled in camera settings.
  - Check audio output settings on your NVR or viewing device.

For further assistance, please contact Tennoz technical support.

7. Specifications

Feature	Specification
Model	5MP PoE IP Vandal Dome Security Camera
Video Capture Resolution	5 Megapixel (2592 x 1944)
Lens	2.8mm Fixed Lens
Viewing Angle	105° Wide Angle
Video Compression	H.265/H.264
Audio	Built-in Microphone (One-way audio)
Night Vision Range	80 feet (25 meters) with IR LEDs
Weatherproof Rating	IP66
Connectivity Technology	Wired (Ethernet, PoE)
Power Source	PoE (Power over Ethernet) or DC 12V (Power Adapter not included)
Mounting Type	Ceiling Mount
Dimensions (L x W x H)	4.37 x 4.37 x 3.19 inches
Item Weight	1.21 pounds
Compatible Devices	Smartphone, NVRs (Hikvision, LTS, EZVIZ, Dahua, Uniview, TVT, Raysharp), QNAP, NAS, FTP, Blue Iris, Ispy
Special Feature	Vandal Proof, Human Motion Detection

8. Warranty and Support

Your Tennoz 5MP PoE IP Vandal Dome Security Camera comes with a**1-year warranty** from the date of purchase.

For technical support, warranty claims, or any questions regarding your product, please contact Tennoz customer service through the official Tennoz website or your point of purchase. Please have your product model and purchase information ready when contacting support.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B0CH35YKXL

More documents and user manuals: **https://manuals.plus/**