

[Manuals.plus](#) /

> [JideTech](#) /

> JideTech P10 4K 8MP Outdoor PTZ IP PoE Camera Instruction Manual

JideTech P10

JideTech P10 4K 8MP Outdoor PTZ IP PoE Camera Instruction Manual

Model: P10

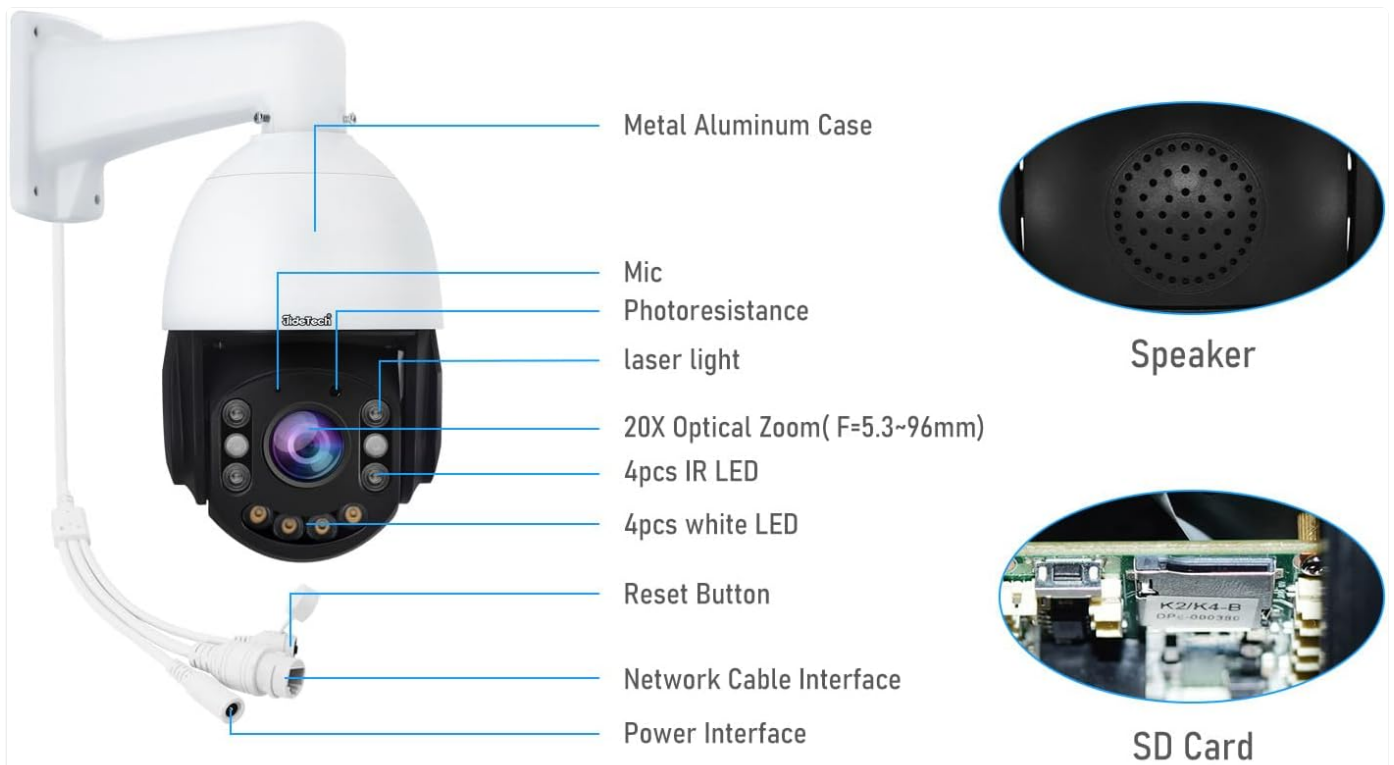
INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your JideTech P10 4K 8MP Outdoor PTZ IP PoE Camera. Please read this manual thoroughly before using the product to ensure proper functionality and safety.

WHAT'S IN THE BOX

Verify that all components are present in the package:

- 1 x 8MP PoE PTZ Camera
- 1 x Screw Pack
- 1 x Instruction Manual
- 1 x Power Adapter
- 1 x 1M Network Cable



What's in the Box



1m Network Cable*1



Waterproof Lid*1



User Manual*1



Power Adapter*1



Pack of Screws*1

Image: Contents of the JideTech P10 camera box, showing the camera, power adapter, network cable, screw pack, and instruction manual.

PRODUCT FEATURES

- **4K 8MP Ultra-High-Definition Imaging:** Captures every detail with precision using a 1/2.8-inch IMX415 CMOS sensor.
- **200X Hybrid Zoom:** Features 20x optical zoom and 10x digital zoom for detailed viewing without image quality loss.
- **Pan-Tilt-Zoom (PTZ) Functionality:** Supports dual-axis rotation with 360° horizontal and 90° vertical movement, up to 90°/sec.
- **Advanced Night Vision:** Equipped with 6 infrared lights and 4 white LEDs, providing up to 492ft night vision with starlight-level performance and enhanced color reproduction. Offers Full IR, White Light, and Smart night vision modes.
- **Human/Vehicle Detection & Auto Tracking:** Automatically tracks human movement and sends alerts via the Videolink APP upon detecting suspicious activity. Supports up to 256 preset positions for area cruise detection.

- **Power over Ethernet (PoE):** Simplifies installation by allowing data transmission and power supply through a single network cable.
- **High Compatibility:** Supports RTSP and ONVIF 2.4 standard protocols, compatible with most NVRs and third-party software like Blue Iris, iSpy, and NAS Storage.
- **Two-Way Audio:** Built-in microphone and speaker enable real-time conversations.
- **IP66 Weatherproof:** Robust aluminum casing ensures resistance to rain, snow, and sun, with an operating temperature range of -20°C to +60°C.

SETUP AND INSTALLATION

Connection Methods

The JideTech P10 camera offers multiple connection options for flexible deployment:

1. **Connect via NVR PoE:** Connect the camera directly to a PoE NVR using a single Ethernet cable for both power and data.
2. **Connect by DC12V Power Supply:** Power the camera using the provided DC12V power adapter and connect to your network via a standard router.
3. **Connect via PoE Injector or PoE Switch:** Use a PoE injector or PoE switch to provide power and data over a single Ethernet cable, then connect to your router.

Your browser does not support the video tag.

Video: Demonstrates three methods to connect the PoE IP Camera: via NVR PoE, DC12V power supply, and PoE injector/switch.

Mounting

The camera is designed for **Wall Mount** installation. Ensure the mounting surface is sturdy enough to support the camera's weight and provide a clear field of view. Use the included screw pack for secure installation.

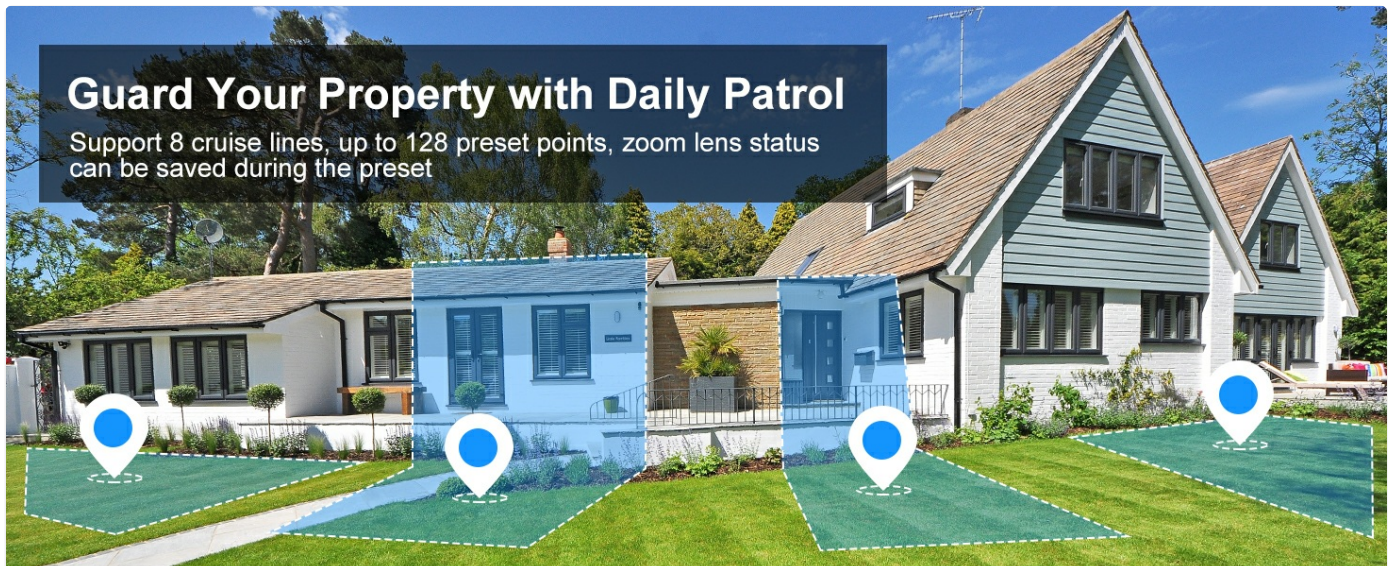


Image: JideTech P10 camera mounted on a wall, highlighting its IP66 weatherproof rating.

OPERATING INSTRUCTIONS

Pan, Tilt, and Zoom Control

The P10 camera features Pan-Tilt-Zoom (PTZ) capabilities, allowing you to remotely adjust the camera's viewing angle

and zoom level. It supports 360° horizontal pan and 90° vertical tilt. The 20x optical zoom combined with 10x digital zoom provides a total of 200x hybrid zoom for capturing distant details.

360° Pan 90° Tilt & 128 Preset Position

Supports up to 128 preset positions and 8 cruise routes, enabling 360° all-around automatic tracking cruise to guard every corner.



Image: Diagram illustrating the 360° pan and 90° tilt capabilities, along with multiple preset positions for automated monitoring.

Your browser does not support the video tag.

Video: Demonstrates the 200x hybrid zoom capability of the JideTech 4K 8MP PTZ camera, showing clear detail from a distance.

Night Vision Modes

The camera offers three night vision modes to adapt to various lighting conditions:

- **Full IR:** Utilizes infrared illumination for clear black and white images in complete darkness.
- **White Light:** Activates built-in white LEDs to provide full-color night vision. This mode can also act as a deterrent.
- **Smart Night Vision:** Automatically switches between IR and white light based on detected motion, providing color vision when activity is present and conserving power with IR otherwise.



Image: Visual comparison of Infrared Night Vision, Smart Color Night Vision, and Full Color Night Vision modes, showing the camera's capabilities in low-light conditions.

Human/Vehicle Detection and Auto Tracking

The camera's intelligent detection system can differentiate between humans, vehicles, and other moving objects like animals or leaves, reducing false alarms. When a human or vehicle is detected, the camera can automatically track its movement and send an alert to your connected device via the Videolink APP.

Smart Human&Vehicle Detection

✓ VEHICLE

✓ HUMAN

✗ SQUIRREL

✗ LEAVES

✗ SHADOWS



Email



Push



FTP

Vehicle

Human

VideoLink • now

Humanoid detection

The camera detects a humanoid



Image: Illustration of Smart Human and Vehicle Detection, showing the camera identifying and tracking a person and a vehicle while ignoring other elements.

Two-Way Audio

The integrated microphone and speaker allow for two-way communication. You can listen to the audio from the camera's location and speak through the camera using the Videolink app on your smartphone or tablet.

Two-way Audio



1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

1080P

Thank you, please put it in front of the door.

Hello, your package has arrived.

Image: Depiction of the two-way audio function, showing a user speaking through their phone to someone near the camera.

Remote Access and Compatibility

Access your camera feed and controls remotely from anywhere using the "Videolink" app (available for Android and iOS), PC client software, or other compatible third-party applications like Blue Iris, iSpy, and NAS Storage. The camera supports ONVIF 2.4, RTSP, and RTMP protocols for broad integration.

Remote Access Anytime & Anywhere



Image: Overview of remote access options, including mobile apps, PC clients, and compatibility with various protocols and software.

MAINTENANCE

Weather Resistance

The JideTech P10 camera has an IP66 rating, indicating it is protected against dust and powerful water jets. Its aluminum casing is designed to withstand outdoor conditions, including rain, snow, and direct sunlight, within an operating temperature range of -20°C to +60°C.

IP66 waterproof



Rain



Anti snow



Sun

All-aluminum Casing

Environment -20°C~+60°C



Image: The IP66 waterproof camera shown mounted outdoors, enduring rain, snow, and sun.

Storage

The camera supports local storage via a Micro SD card, with a maximum supported size of 256 GB. This allows for continuous recording or event-triggered recording directly on the device. For extended storage and backup, the camera is compatible with ONVIF NVRs and can work with FTP/NAS storage solutions.

H.265+Efficiency Video Coding

Update H.265+ format, this poe camera can provides high-quality video, than H.265 and H.264, provides high-quality video, and reduces the cost of storage and transmission



Image: Visual representation of the camera's Micro SD card slot (supports up to 256GB), its ability to work with ONVIF NVRs for 24/7 recording, and compatibility with FTP/NAS for storage.

SPECIFICATIONS

Feature	Detail
Model Name	P10
Effective Video Resolution	8 MP (4K)
Photo Sensor Technology	CMOS (1/2.8-inch IMX415)
Optical Zoom	20x
Digital Zoom	10x
Zoom Type	Hybrid Zoom (200x total)
Viewing Angle	360 Degrees (Pan), 90 Degrees (Tilt)
Night Vision Range	492 Feet
Light Source Type	Infrared + LED
Connectivity Technology	Ethernet, PoE, RTSP, RTMP, Wired
Connectivity Protocol	Blue Iris, Ethernet, ONVIF, RTMP, RTSP
Power Source	Corded Electric
Controller Type	Android, iOS (App Control)
Mounting Type	Wall Mount
International Protection Rating	IP66 (Waterproof)
Material	Aluminum, Metal
Product Dimensions	5.7 x 7.48 x 9.25 inches

Feature	Detail
Item Weight	4.18 pounds
Flash Memory Supported Size Maximum	256 GB (Micro SD)
Video Encoding	H.264; H.265; H.265+
Audio Visual Recording Capabilities	Video + Audio

TROUBLESHOOTING

If you encounter issues with your JideTech P10 camera, consider the following general troubleshooting steps:

- **No Power:** Ensure the power adapter is securely connected to both the camera and a working power outlet, or that the PoE connection is active and functional.
- **No Video Feed:** Check network cable connections. Verify that the camera is properly connected to your router or NVR. Ensure the camera's IP address is correctly configured and accessible on your network. Restart the camera and viewing device.
- **Poor Image Quality:** Clean the camera lens. Check network bandwidth if streaming is choppy. Adjust camera settings such as resolution, frame rate, and WDR (Wide Dynamic Range) for optimal performance in your environment.
- **Motion Detection Issues:** Review the motion detection sensitivity settings in the app. Ensure the detection zones are correctly configured and not obstructed.
- **Two-Way Audio Problems:** Check microphone and speaker settings in the app. Ensure volume levels are adequate on both ends.
- **Remote Access Failure:** Verify your internet connection. Ensure port forwarding (if required by your network setup) is correctly configured on your router. Confirm the Videolink app or other software is up to date.

For further assistance, refer to the support information below.

WARRANTY AND SUPPORT

JideTech is committed to providing reliable products and customer satisfaction. Your JideTech P10 camera includes:

- **1-Year Replacement Policy:** In case of product defects, JideTech offers a replacement within one year of purchase.
- **30-Day Money Back Guarantee:** If you are not satisfied with your purchase, you may be eligible for a refund within 30 days.
- **24/7 Online Support:** Dedicated one-on-one online support is available to assist with any questions or issues you may encounter.

For support, please contact JideTech customer service through the official channels provided with your product or on the JideTech website.



