

JideTech P2-20X-5MPW-JAT

JideTech 5MP PTZ WiFi Outdoor Surveillance Camera User Manual

Model: P2-20X-5MPW-JAT | Brand: JideTech

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your JideTech 5MP PTZ WiFi Outdoor Surveillance Camera. Please read this manual thoroughly before using the product to ensure proper function and safety. Keep this manual for future reference.

PRODUCT OVERVIEW

The JideTech 5MP PTZ WiFi Outdoor Surveillance Camera is designed for robust outdoor security monitoring. It features high-resolution imaging, advanced pan-tilt-zoom capabilities, and intelligent detection functions to provide comprehensive surveillance.

Key Features:

- **5 Megapixel HD Resolution:** Captures clear and detailed video at 2592x1944p.
- **20X Optical Zoom:** Provides detailed views of distant objects with a 4.7mm to 94mm auto-focus lens.
- **Pan-Tilt-Zoom (PTZ) Functionality:** Offers 360° horizontal pan and 90° vertical tilt for wide area coverage.
- **Advanced Night Vision:** Infrared night vision up to 200 feet (60 meters) for clear monitoring in low-light conditions.
- **Two-Way Audio:** Built-in microphone and speaker allow for real-time communication.
- **Human Motion Detection & Tracking:** Intelligently detects human movement and can automatically track subjects.
- **IP66 Weatherproof Rating:** Designed to withstand various outdoor weather conditions (rain, snow, high temperatures).
- **SD Card Storage:** Supports local storage up to 128GB.

- **WiFi Connectivity:** Flexible wireless installation.

Package Contents:

- JideTech 5MP PTZ WiFi Outdoor Surveillance Camera
 - Power Adapter
 - Mounting Screws and Plugs
 - Waterproof Kit for Network Cable
 - Quick Start Guide
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SETUP INSTRUCTIONS

1. Physical Installation

Choose a suitable location for your camera, ensuring it has a clear field of view and access to a power source. The camera is designed for wall mounting.

1. Mark the drilling points on the wall using the mounting bracket as a template.
2. Drill holes and insert the provided wall plugs.
3. Secure the mounting bracket to the wall with screws.
4. Attach the camera to the mounting bracket.
5. Connect the power adapter to the camera's power interface and plug it into an electrical outlet.
6. If using a wired connection, connect an Ethernet cable to the network interface.



Image: Camera dimensions and interface details. This image illustrates the physical dimensions of the camera and highlights the locations of the Reset Button, Network Interface, Power Interface, Built-in Microphone & Speaker, and SD Card Slot.

2. Network Connection (WiFi)

For wireless operation, follow these steps:

1. Ensure your camera is powered on and within range of your WiFi router.
2. Download the "CamHi" or "CamHiPro" application from your smartphone's app store (iOS or Android).
3. Open the app and register an account if you don't have one.
4. Follow the in-app instructions to add a new device. This typically involves scanning a QR code on the camera or searching for the camera on your local network.
5. Select your WiFi network and enter the password when prompted.
6. Once connected, the camera will appear in your device list within the app.

3. SD Card Installation

To enable local video recording, install a microSD card (up to 128GB, not included).

1. Locate the SD card slot on the camera (refer to the interface diagram).
2. Carefully insert the microSD card into the slot until it clicks into place.

3. Format the SD card through the camera settings in the "CamHi" app for optimal performance.

OPERATING INSTRUCTIONS

1. Live View and PTZ Control

Access the live video feed through the "CamHi" app. Use the on-screen controls to pan (horizontal rotation) and tilt (vertical movement) the camera lens to adjust the viewing angle.



PTZ Rotation
Horizontal:360° Vertical:90°



Motion Tracking
FTP/APP Push/Email Alarm



Night Vision
IR Night Vision Up to 200ft



Two Way Audio
Speak & listen via APP



5MP HD Quality
4.7-84.6mm 30X Optical Zoom Lens



IP66 Waterproof
Rain/Snow/High Temperature

Image: Overview of camera features. This image highlights key functionalities such as PTZ Rotation (360° Horizontal, 90° Vertical), Motion Tracking, Night Vision, Two-Way Audio, 5MP HD Quality, and IP66 Waterproofing.

2. Optical Zoom

The camera features a 20X optical zoom. Use the zoom controls in the app to magnify or reduce the view without losing image quality. The auto-focus function will adjust automatically.



5 Megapixels Super HD

360°Pan,90°Tilt,20X Optical Zoom
Rotation Directions to Cover Larger Area



Image: 5 Megapixels Super HD with 20X Optical Zoom. This image demonstrates the camera's ability to zoom in on distant objects, such as a car, while maintaining high definition.

3. Two-Way Audio

Utilize the built-in microphone and speaker for two-way communication. Tap the microphone icon in the app to speak, and listen through the app to hear audio from the camera's location.



Image: Two-Way Audio in action. This image shows a person interacting with someone near the camera using the two-way audio feature, with a message bubble indicating communication.

4. Motion Detection and Smart Alerts

Configure motion detection settings in the app. The camera can detect human movement and send push notifications to your smartphone. It also supports automatic tracking of detected subjects.



Image: Auto Tracking Smart Alerts. This image illustrates the camera's ability to detect and track human figures, sending notifications to a connected smartphone.

5. Night Vision

The camera automatically switches to infrared night vision in low-light conditions, providing clear black and white images up to 200 feet. You can also manually adjust night vision settings in the app.



Image: Daytime and Night Vision comparison. This image shows the difference in camera view between bright daytime conditions and dark night conditions, highlighting the effectiveness of night vision.

6. Recording and Playback

Videos can be recorded continuously, on motion detection, or on a schedule to the installed SD card. Access recorded footage through the "CamHi" app for playback.

MAINTENANCE

1. Cleaning

Periodically clean the camera lens and housing with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the camera is powered off before cleaning.

2. Firmware Updates

Check the "CamHi" app regularly for available firmware updates. Keeping your camera's firmware up-to-date ensures optimal performance, security, and access to new features.

TROUBLESHOOTING

- **Camera not connecting to WiFi:**
 - Ensure the camera is within range of your WiFi router.
 - Verify the WiFi password entered in the app is correct.
 - Restart your router and the camera.
 - If issues persist, try connecting via Ethernet cable for initial setup.
- **No image or poor image quality:**
 - Check power connection.
 - Ensure the lens is clean and free from obstructions.
 - Verify network connection stability.
 - Check app settings for resolution and image quality.
- **Motion detection not working:**
 - Ensure motion detection is enabled in the app settings.
 - Adjust sensitivity settings.
 - Define detection zones to avoid false alarms from irrelevant areas.
- **SD card not recording:**
 - Ensure the SD card is properly inserted.
 - Format the SD card through the app.
 - Check recording schedule and settings in the app.
 - Verify the SD card is not full or corrupted.

SPECIFICATIONS

Model Number	P2-20X-5MPW-JAT
Resolution	5 Megapixels (2592 x 1944p)
Optical Zoom	20X (4.7mm - 94mm auto-focus)
Pan/Tilt Range	Pan: 360°, Tilt: 90°
Night Vision Range	Up to 200 feet (60 meters)
Audio	Two-way audio (built-in mic & speaker)
Storage	MicroSD card (up to 128GB)
Connectivity	WiFi (Wireless), Ethernet (Wired)
Weatherproof Rating	IP66

Power Supply	DC 12V / 1A (12 Watts)
Material	Aluminum
Dimensions (L x W x H)	33.53 x 25.4 x 19.05 cm
Weight	2 Kilograms
Compatible Devices	Android, Windows

WARRANTY AND SUPPORT

Warranty Information:

- **1-Year Replacement Warranty:** JideTech offers a 1-year replacement warranty for manufacturing defects. No repair service is provided; defective units will be replaced.
- **30-Day Money Back Guarantee:** If you are not satisfied with your purchase, you may be eligible for a full refund within 30 days of purchase.

Customer Support:

For technical assistance, troubleshooting, or warranty claims, please contact JideTech customer support. They offer 24/7 online support.

Refer to the official JideTech website or your purchase documentation for specific contact details.