

TWSYOXPR dongguanshijianyingbaihuoshanghang

TWSYOXPR 5MP WiFi PTZ Waterproof Camera User Manual

Model: dongguanshijianyingbaihuoshanghang

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1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your TWSYOXPR 5MP WiFi PTZ Waterproof Camera. Please read this manual thoroughly before using the product to ensure proper function and safety. This camera is designed for surveillance, offering high-definition video, pan-tilt-zoom capabilities, and advanced features for both indoor and outdoor environments.

2. KEY FEATURES

- **5MP HD Image Quality:** Captures clear 1080P full HD video for detailed surveillance.
- **PTZ Functionality:** Offers 360° pan and tilt rotation for comprehensive area coverage.
- **Auto Tracking & Human Detection:** Automatically tracks moving targets and detects human presence, triggering alarms.
- **IP66 Waterproof & Dustproof:** Designed for outdoor use, resistant to harsh weather conditions.
- **Smart Night Vision:** Features infrared and full-color night vision modes for clear visibility in low light or darkness.
- **Two-Way Audio:** Enables real-time communication through the camera.
- **Flexible Connectivity:** Supports 2.4GHz/5.8GHz WiFi and RJ-45 wired connection (WiFi version) or 4G SIM card (4G version).
- **Remote Monitoring:** Access live feed and recordings via a mobile application.
- **SD Card Storage:** Supports local storage of video data.

3. PACKAGE CONTENTS

Please check the package carefully to ensure all items are present and in good condition.

- 5MP PTZ Camera x 1

- Power Adapter x 1
- Installation Accessories x 1 (screws, wall plugs)
- User Manual x 1

4. SETUP GUIDE

4.1. Choosing a Location and Physical Installation

Select a suitable location for your camera, considering coverage area, power source proximity, and network signal strength. The camera is IP66 rated, making it suitable for outdoor installation. Ensure the mounting surface is sturdy enough to support the camera's weight.

1. Mark the drilling points on the wall or ceiling using the camera's base as a template.
2. Drill holes and insert the wall plugs.
3. Secure the camera base to the surface using the provided screws.
4. Adjust the camera angle as needed before final tightening.

Auto Tracking & Human Detection



Human
Detection



Human
Tracking



Audible
Alarm



Smart
Floodlight



Figure 4.1: Camera physical installation and pan-tilt range. The camera can pan 330 degrees and tilt 90 degrees, allowing for extensive coverage.

4.2. Power Connection

Connect the provided power adapter to the camera's power input port and then plug it into a standard electrical outlet. The camera will power on and initiate its self-test sequence.

4.3. Network Configuration

Your camera supports different connection modes:

- **WiFi Version:** Supports 2.4GHz/5.8GHz WiFi and RJ-45 wired connection. For WiFi, ensure the camera is within range of your router. For wired, connect an Ethernet cable to the RJ-45 port.
- **4G Version:** Features a built-in 4G card slot. Insert a local 4G SIM card (not included) into the designated slot. This version is ideal for locations without WiFi access.

Refer to the specific instructions within the mobile application for detailed steps on connecting your camera to the

network.

4.4. Mobile App Installation and Pairing

Download the official mobile application (e.g., "iCSee" or similar, check packaging for exact app name) from your smartphone's app store (App Store for iOS, Google Play Store for Android). Follow the in-app instructions to create an account, add your camera, and complete the pairing process. This typically involves scanning a QR code on the camera or entering its device ID.

5. OPERATING INSTRUCTIONS

5.1. Live View and Pan & Tilt Control

Once connected, open the mobile app to view the live feed. Use the on-screen controls to pan (horizontal rotation) and tilt (vertical rotation) the camera to monitor different areas. The camera supports 330° horizontal and 90° vertical movement.

5.2. Night Vision Modes

The camera offers multiple night vision options:

- **Infrared Night Vision:** Provides clear black and white images in complete darkness using infrared LEDs.
- **White Light Night Vision:** Activates built-in white LEDs to illuminate the area, providing full-color night vision.
- **Full Color Night Vision:** Combines infrared and white light for enhanced color detail in low-light conditions.

You can switch between these modes via the mobile application settings. The infrared night vision range is up to 20 meters.

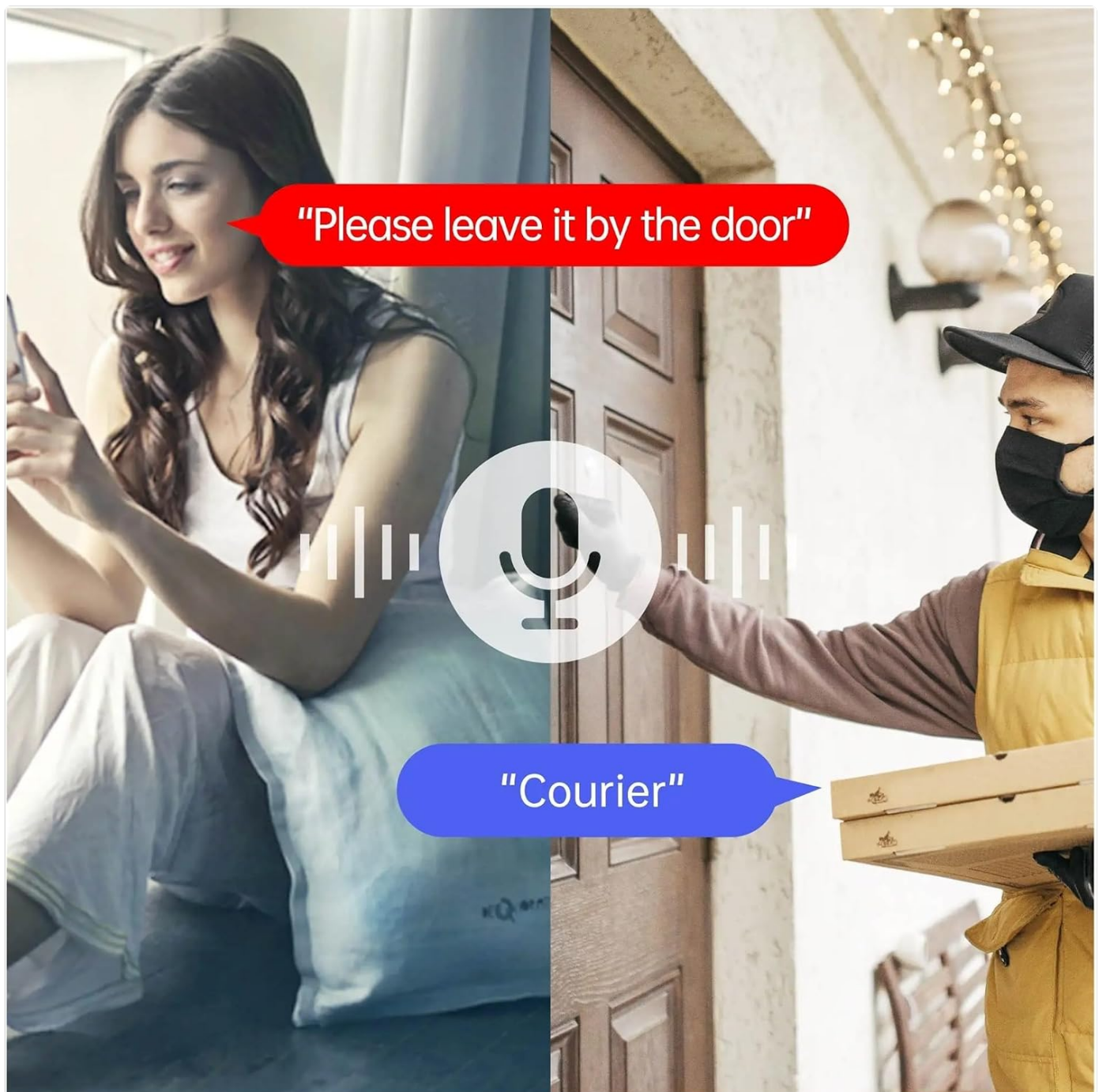


Figure 5.2.1: Smart Night Vision capabilities. The camera offers infrared, white light, and full-color night vision options for various lighting conditions.

20M IR Night vision

The night vision of the IP camera can reach up to 20m. Even at night, you can see far away.



Figure 5.2.2: 20-meter IR Night Vision. The camera provides clear visibility up to 20 meters in complete darkness using infrared technology.

5.3. Two-Way Audio

The camera features a built-in microphone and speaker, enabling two-way audio communication. Tap the microphone icon in the app to speak through the camera, and listen to audio from the camera's vicinity.



Figure 5.3: Two-Way Audio communication. This feature allows you to speak and listen through the camera, facilitating interaction with visitors or deterring intruders.

5.4. Motion Detection and Auto Tracking

Enable motion detection and human detection in the app settings. When motion or a human figure is detected, the camera can send alerts to your phone and automatically track the moving object within its field of view. It also supports audible alarms and smart floodlight activation.

Smart Night Vision

Built-in pcs Infrared/white dual-light led, Still clear at night.



Figure 5.4: Auto Tracking and Human Detection. The camera intelligently identifies and tracks human movement, enhancing security by focusing on relevant activity and triggering alerts.

5.5. Recording and Storage

The camera supports local storage via an SD card (up to a certain capacity, check product specifications or app for details). Insert a formatted SD card into the camera's slot. Recordings can be accessed and managed through the mobile application. Continuous recording, event-triggered recording, and scheduled recording options are typically available.

5.6. Remote Monitoring

With the mobile app, you can monitor your property from anywhere with an internet connection. View live feeds, review recorded footage, receive alerts, and control camera functions remotely.

6. MAINTENANCE

- **Cleaning:** Regularly clean the camera lens with a soft, dry cloth to ensure clear image quality. Do not use harsh chemicals or abrasive materials.

- **Firmware Updates:** Check the mobile app periodically for firmware updates. Keeping the firmware updated ensures optimal performance and security.
- **Power Supply:** Ensure the power adapter and cable are not damaged. Replace if necessary.
- **Environmental Conditions:** While the camera is waterproof, avoid prolonged exposure to extreme conditions beyond its operating temperature range (-10°C to +60°C).

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera fails to power on.	No power supply; faulty adapter.	Check power connection. Ensure adapter is working. Try a different outlet.
Cannot connect to WiFi.	Incorrect WiFi password; camera too far from router; 5GHz network selected (if camera only supports 2.4GHz).	Verify WiFi password. Move camera closer to router. Ensure router is broadcasting 2.4GHz. Reset camera and try pairing again.
4G version not connecting.	No SIM card; incorrect SIM card; no 4G signal.	Ensure a valid 4G SIM card is inserted correctly. Check 4G signal strength in the area.
No image/video in app.	Network issue; camera offline; app glitch.	Check network connection. Restart camera and app. Re-add camera if necessary.
Motion detection not working.	Feature disabled; sensitivity too low; incorrect detection zone.	Enable motion detection in app. Adjust sensitivity and detection zones.
Poor night vision.	Lens obstruction; IR/white LEDs blocked or faulty.	Clean the camera lens. Ensure nothing is blocking the IR/white LEDs.

8. TECHNICAL SPECIFICATIONS

Model Name	dongguanshijianyingbaihuoshanghang
Sensor Type	CMOS
Lens Focal Length	3.6mm
Video Compression Format	H.265
Audio	Two-way audio
Power Consumption	24W
Connectivity (WiFi Version)	2.4GHz/5.8GHz WiFi, RJ-45 wired
Connectivity (4G Version)	Built-in 4G card slot (supports local 4G SIM card)

Waterproof Rating	IP66
Operating Temperature	-10°C to +60°C
Item Weight	50 Grams (camera only) / 1.76 ounces (package)
Package Dimensions	1.18 x 0.79 x 0.39 inches

9. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the contact details provided on the product packaging or the official TWSYOXPR website. Keep your purchase receipt as proof of purchase for warranty claims.

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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