

TWSYOXPR dongguanshijianyingbaihuoshanghang

TWSYOXPR 4K 8MP Dual Lens PTZ WiFi/4G IP Security Camera User Manual

Model: dongguanshijianyingbaihuoshanghang

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your TWSYOXPR 4K 8MP Dual Lens PTZ WiFi/4G IP Security Camera. Please read this manual thoroughly before using the product to ensure proper functionality and safety.

2. PRODUCT OVERVIEW

2.1 Key Features

- **4K 8MP Ultra HD Dual Lens:** Equipped with two 4MP lenses, combining for an 8MP resolution to deliver 4K image quality.
- **Intelligent Automatic Tracking:** Detects and tracks moving objects by automatically adjusting the lens angle.
- **PTZ Remote Control:** Pan-Tilt-Zoom functionality with 355° horizontal and 90° vertical rotation via mobile application.
- **Colorful Night Vision Modes:** Supports full-color night vision and infrared night vision for clear monitoring in low-light conditions.
- **Dual Connection Options:** Supports both 4G and 2.4GHz WiFi connections.
- **Multiple Storage Methods:** Supports MicroSD card (up to 128GB) and cloud storage (subscription required).
- **Two-Way Audio:** Enables remote communication through the camera.
- **IP66 Weatherproof:** Designed for outdoor use, resistant to rain, snow, and dust.

2.2 Package Contents

Verify that all items are present in the package:

- 1 x Dual Lens Camera
- 1 x User Manual
- 1 x Power Adapter (EU/US/UK/AU optional, specific to your region)
- 1 x Screw Pack for installation
- 1 x Waterproof Cover

3. SETUP

3.1 Physical Installation

Choose a suitable location for the camera, ensuring it has a clear view of the area to be monitored and is within range of your WiFi network or has 4G signal coverage. Use the provided screw pack to securely mount the camera to a wall or ceiling.



Image: The TWSYOXPR security camera unit, showing its dual lenses, LED lights, and an SD card slot indicator. This image illustrates the camera's physical appearance and where an SD card can be inserted.

IP66 Waterproof And Dustproof

Even in rainy, snowy or windy weather, the equipment will work properly and keep you safe.



Lightning Protection



Snow Protection



Dust Prevention



Rainproof



Image: The TWSYOXPR camera mounted on a wall, demonstrating its robust IP66 waterproof and dustproof design, suitable for various weather conditions including rain and snow.

3.2 Power Connection

Connect the provided power adapter to the camera's power input port and then plug it into a suitable power outlet. Ensure the connection is secure.

3.3 Network Connection

The camera supports both 2.4GHz WiFi and 4G cellular connections. For WiFi, ensure your router is broadcasting a 2.4GHz signal. For 4G, insert a compatible 4G SIM card (not included) into the designated slot on the camera. The camera also supports an RJ45 cable connection for wired network access.

3.4 MicroSD Card Installation

To enable local storage, insert a MicroSD card (up to 128GB, not included unless specified in your purchase) into the camera's MicroSD card slot. Ensure the card is inserted correctly according to the diagram on the camera or in the quick start guide.

4. OPERATING INSTRUCTIONS

4.1 App Installation and Pairing

1. Download the official mobile application (e.g., "Yoosee" or as specified in the quick start guide) from your smartphone's app store (App Store for iOS, Google Play Store for Android).
2. Register an account and log in.
3. Follow the in-app instructions to add your camera. This typically involves scanning a QR code on the camera or manually entering its device ID.
4. Once paired, the camera's live feed will be accessible through the app.

4.2 Live View and Dual Screen Functionality

The camera's dual lens system allows for a dual-screen live view within the application. This feature enables simultaneous monitoring of two different areas, effectively providing coverage equivalent to two cameras.



Image: A visual representation of the camera's dual-screen live view capability, displaying two distinct camera feeds simultaneously. It also indicates the 355-degree horizontal rotation range.

4.3 PTZ Control

Utilize the PTZ (Pan-Tilt-Zoom) controls within the mobile application to adjust the camera's viewing angle. You can rotate the camera 355° horizontally and 90° vertically to cover a wide area without blind spots.



Image: This image illustrates the PTZ functionality of the camera, showing its ability to pan 355 degrees horizontally and tilt 90 degrees vertically, controlled via a smartphone application.

4.4 Night Vision Modes

The camera offers two night vision modes:

- **Infrared Night Vision:** Provides clear black and white images in complete darkness.
- **Full-Color Night Vision:** Utilizes built-in white lights to illuminate the area, providing color images even at night. This mode can be activated manually or set to automatically switch when motion is detected.

Intelligent Full Color Night Vision



Image: A comparison demonstrating the camera's infrared night vision (monochrome) and intelligent full-color night vision, showing how it captures details in different lighting conditions.

4.5 Human Detection and Auto-Tracking

When enabled, the camera can intelligently detect human shapes and automatically track their movement within its field of view. This feature helps in focusing on relevant events and reducing false alarms. Notifications can be configured through the app.



Image: This image illustrates the camera's human detection and auto-tracking feature, showing a person being tracked and a corresponding alarm message displayed on a smartphone screen.

4.6 Two-Way Audio

The built-in microphone and speaker allow for two-way voice communication. You can listen to audio from the camera's location and speak through the camera using the mobile application.

5. MAINTENANCE

5.1 Cleaning

Regularly clean the camera lens and housing with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners, as these can damage the camera's components or finish.

5.2 Firmware Updates

Check the mobile application periodically for available firmware updates. Keeping your camera's firmware up-to-date ensures optimal performance, security, and access to new features.

5.3 Storage Management

If using a MicroSD card for storage, regularly review and back up important recordings. Format the MicroSD card periodically through the app to maintain its performance. If using cloud storage, manage your subscription and stored data via the application.

6. TROUBLESHOOTING

- **Camera not connecting to network:**
 - Ensure the camera is powered on.
 - Verify your WiFi network is 2.4GHz.
 - Check 4G signal strength if using a 4G SIM card.
 - Restart your router and the camera.
 - Ensure correct WiFi password or 4G SIM card activation.
- **Poor image quality:**
 - Clean the camera lens.
 - Ensure adequate lighting in the monitored area.
 - Check network connection stability.
- **Motion detection not working:**
 - Verify motion detection settings are enabled in the app.
 - Adjust sensitivity settings.
 - Ensure no obstructions are blocking the camera's view.
- **Two-way audio issues:**
 - Check microphone and speaker permissions for the app on your phone.
 - Ensure camera's microphone and speaker are not obstructed.
 - Adjust volume settings in the app.

7. SPECIFICATIONS

Feature	Detail
Resolution	4K (8MP, 4MP+4MP dual lens)
Lens Parameter	4mm
Night Vision Distance	Up to 20 meters
Operating Temperature	-10°C to 60°C (14°F to 140°F)
Storage Options	MicroSD card (up to 128GB), Cloud Storage (subscription)
Connectivity	2.4GHz WiFi, 4G, RJ45 Ethernet cable
Audio	Two-way voice intercom
PTZ Rotation	Horizontal: 355°, Vertical: 90°
Weather Resistance	IP66 (Waterproof and Dustproof)

Feature	Detail
Material	Plastic
Certifications	CE, FCC, RoHS
Color	White
Item Weight	50 Grams (1.76 ounces)
Package Dimensions	1.18 x 0.79 x 0.39 inches

8. WARRANTY AND SUPPORT

8.1 Warranty Information

Please refer to the warranty card included in your product packaging or visit the official TWSYOXPR website for detailed warranty terms and conditions. The warranty typically covers manufacturing defects for a specified period from the date of purchase.

8.2 Customer Support

For technical assistance, troubleshooting, or any product-related inquiries, please contact TWSYOXPR customer support. Contact details can usually be found on the product packaging, the official website, or within the mobile application's 'About Us' or 'Help' section.

Please retain your purchase receipt for warranty claims.

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