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› QDVOPHZA /

› QDVOPHZA 10K 20MP Outdoor Wireless WiFi Security Camera 10X Zoom Auto Tracking PTZ - User Manual

QDVOPHZA w0u5903wei

QDVOPHZA 10K 20MP Outdoor Wireless WiFi Security Camera

Model: w0u5903wei - User Manual

1. INTRODUCTION

Thank you for choosing the QDVOPHZA 10K 20MP Outdoor Wireless WiFi Security Camera. This advanced surveillance system is designed to provide comprehensive security monitoring with its ultra-high definition resolution, 10x optical zoom, automatic tracking, and multi-screen viewing capabilities. This manual will guide you through the installation, operation, and maintenance of your new security camera to ensure optimal performance and longevity.

2. SAFETY INFORMATION

- Ensure the power supply voltage matches the camera's requirements (DC 12V). Incorrect voltage can damage the device.
- Do not expose the camera to extreme temperatures, humidity, or corrosive environments.
- Avoid direct exposure to sunlight for extended periods, as this may affect image quality and device lifespan.
- Install the camera in a secure location where it cannot be easily tampered with.
- Keep the camera away from strong electromagnetic fields.
- Disconnect power before performing any maintenance or cleaning.
- Only use accessories specified by the manufacturer.

3. PACKAGE CONTENTS

Please check the package contents upon unboxing. If any items are missing or damaged, contact your retailer.

- QDVOPHZA 10K 20MP Outdoor Wireless WiFi Security Camera
- Power Adapter (DC 12V)
- Mounting Screw Kit
- User Manual

4. PRODUCT OVERVIEW

Familiarize yourself with the components of your QDVOPHZA security camera.



Figure 4.1: Front view of the QDVOPHZA 10K 20MP Outdoor Wireless WiFi Security Camera, showing the main PTZ camera, two side fixed cameras, and antennas.

Four Screen Camera



Figure 4.2: Diagram illustrating the four-screen camera system, with the main PTZ camera providing a zoomable view and three fixed lenses covering additional areas.

More Comprehensive Monitoring



Figure 4.3: Visual representation of the camera's comprehensive monitoring capabilities, including 180-degree rotation for the side cameras and a smartphone interface displaying multiple camera feeds.

5. SETUP

5.1 Installation

1. **Choose a Location:** Select an outdoor location that provides the desired viewing angle and is within range of your Wi-Fi network or near an Ethernet port. The camera is IP66 waterproof, suitable for various weather conditions.
2. **Mounting:** Use the provided screw kit to securely mount the camera to a wall or ceiling. Ensure the mounting surface is strong enough to support the camera's weight.
3. **Adjust Angle:** Loosen the adjustment screws (if applicable) to position the camera for optimal coverage. The main PTZ camera offers horizontal 0-360 degrees and vertical 0-90 degrees movement. The side cameras can rotate 180 degrees for broader coverage.

5.2 Power Connection

Connect the provided DC 12V power adapter to the camera's power input port and then plug it into a power outlet.

The camera will power on and initiate its self-test sequence.

5.3 Network Connection

The camera supports both 2.4G WiFi and RJ45 network port access.

- **Wireless (WiFi):** Download the recommended mobile application (refer to the packaging or quick start guide for app name). Follow the in-app instructions to add the camera and connect it to your 2.4GHz Wi-Fi network.
- **Wired (Ethernet):** Connect an Ethernet cable from your router to the camera's RJ45 port. The camera should automatically connect to the network. Then, use the mobile app to discover and add the camera.

6. OPERATING INSTRUCTIONS

6.1 Mobile Application Usage

After successfully connecting your camera to the network, open the mobile application to access its features.

- **Live View:** The app will display the live feeds from all four camera lenses simultaneously, providing a comprehensive overview of your monitored area.
- **PTZ Control:** Use the on-screen controls to pan (rotate horizontally) and tilt (rotate vertically) the main camera.
- **Optical Zoom:** Utilize the 10x optical zoom feature to magnify distant objects without losing image clarity.

10X Optical Zoom For Clear Details

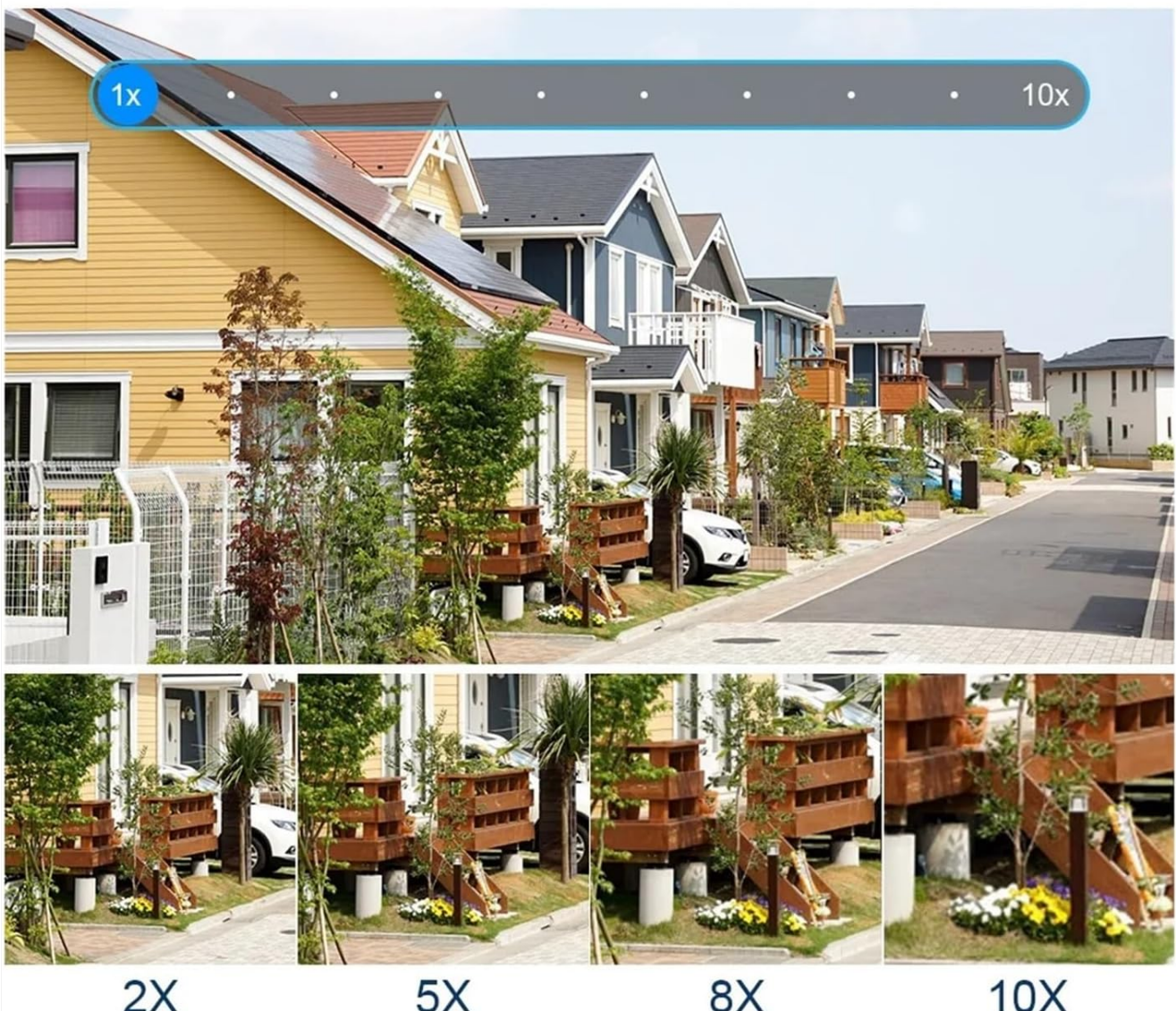


Figure 6.1: Demonstration of the 10x optical zoom capability, showing progressive magnification from 1x to 10x while maintaining image clarity.

The difference between 10x zoom and fixed focus



Figure 6.2: Visual comparison highlighting the difference in detail captured by the 10x zoom camera versus a fixed focus camera, demonstrating the advantage of optical zoom.

6.2 Motion Detection and Auto Tracking

The camera features intelligent motion detection and automatic tracking.

- **Motion Detection:** The camera can detect movement within its field of view and send instant alerts to your mobile device.
- **Auto Tracking:** When a moving target is detected, the camera will automatically adjust its pan/tilt to keep the target centered in the frame, ensuring continuous monitoring of suspicious activity.

Human Detection Alarm Automatic Tracking

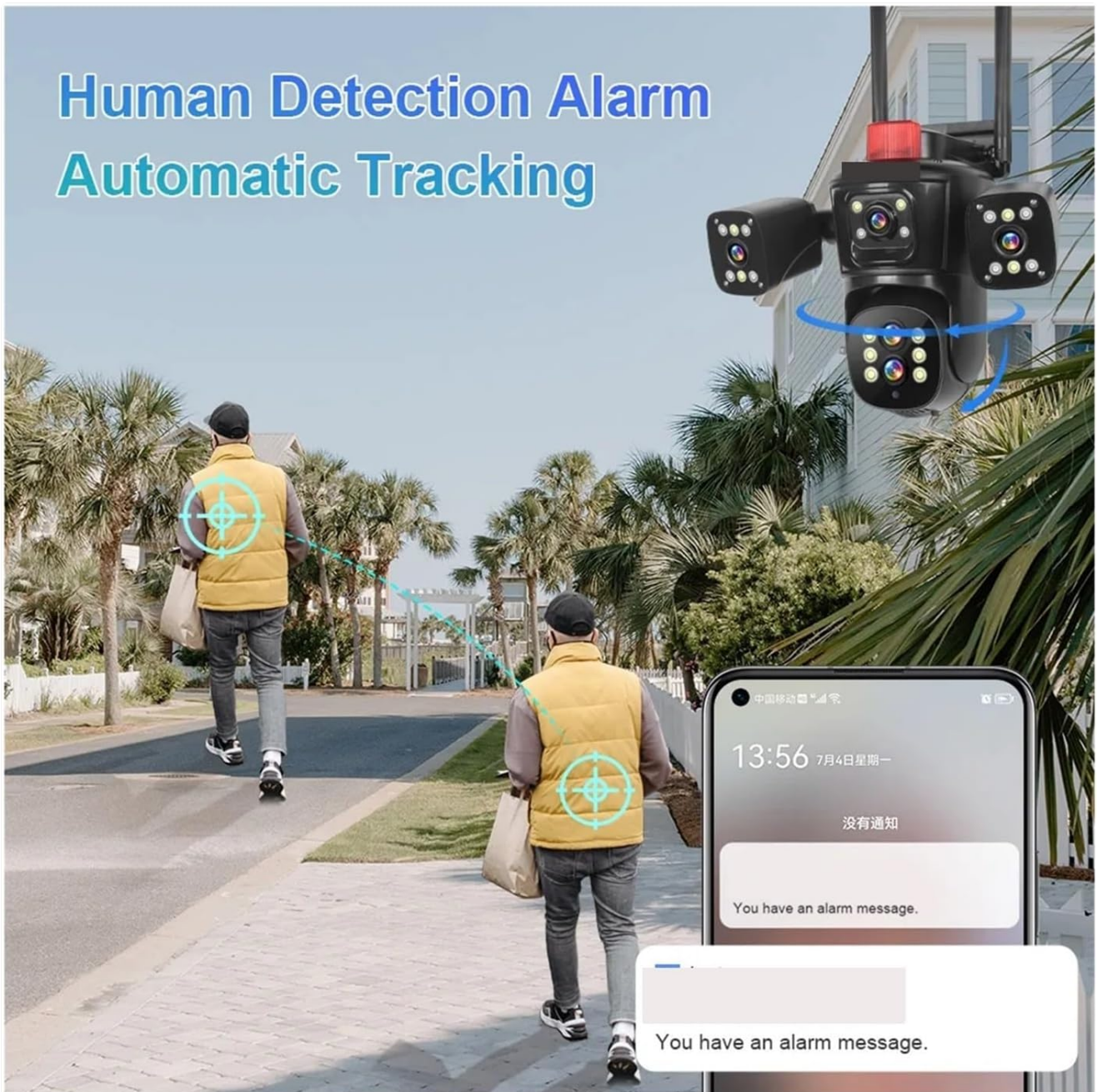


Figure 6.3: Illustration of the human detection and automatic tracking feature, showing the camera following a person and a mobile phone displaying an alarm notification.

6.3 Recording and Storage

The camera supports multiple storage options for video recordings.

- **TF Card Storage:** Insert a TF (microSD) card (up to 128GB, not included) into the designated slot for local storage of recordings. The camera supports video synchronous recording and playback.
- **Cloud Storage:** Subscribe to the cloud storage service via the mobile app to securely save your video data online. This ensures your recordings are safe even if the camera is damaged or stolen.

6.4 Two-Way Audio and Night Vision

- **Two-Way Audio:** The built-in microphone and speaker allow for two-way communication, enabling you to listen in and speak through the camera via the app.
- **Color Night Vision:** The camera is equipped with advanced night vision technology, providing clear, full-color video even in low-light conditions.

7. 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 application periodically for available firmware updates. Keeping your camera's firmware up-to-date ensures optimal performance, security, and access to new features.
- **Power Cycle:** If the camera experiences issues, try power cycling it by disconnecting and reconnecting the power adapter.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera not powering on	No power, faulty adapter, loose connection	Check power outlet, ensure adapter is securely connected, try a different outlet.
Unable to connect to Wi-Fi	Incorrect Wi-Fi password, camera too far from router, 5GHz network selected	Verify Wi-Fi password, move camera closer to router, ensure you are connecting to a 2.4GHz network.
Poor image quality	Dirty lens, low network bandwidth, insufficient lighting	Clean the camera lens, ensure stable internet connection, check lighting conditions.
Auto tracking not working	Feature disabled in app, obstruction in view, slow movement	Enable auto tracking in the app settings, ensure clear line of sight, ensure movement is detectable.
No audio or poor audio quality	Microphone/speaker blocked, app volume low, network issues	Ensure microphone/speaker are clear, adjust app volume, check network stability.

9. SPECIFICATIONS

Brand	QDVOPHZA
Model Number	w0u5903wei
High Definition	20 Megapixels (10K resolution, 5 lenses x 4MP each)
Connectivity	WIFI (2.4G), RJ45 Ethernet Port
Storage	TF Card (Up to 128GB), Cloud Storage
IP Rating	IP66 (Waterproof / Weatherproof)
Movement Range (Pan)	0°-360°
Movement Range (Tilt)	0°-90°
Optical Zoom	10x
Audio Output	Two Way Audio
Special Features	Color Night Vision, Motion Detection, Auto Tracking, Four Screens
Power Supply	DC 12V
Item Weight	50 Grams

10. WARRANTY AND SUPPORT

This product comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package or contact your retailer for specific warranty terms and conditions.

For technical support, troubleshooting assistance, or any questions regarding your QDVOPHZA security camera, please contact the customer support team through the contact information provided on the product packaging or the official brand website.