xmartO DLP4054

xmartO Dual-CAM 6MP WiFi Home Security Camera User Manual

Brand: xmartO | Model: DLP4054

INTRODUCTION

This manual provides essential information for the setup, operation, and maintenance of your xmartO Dual-CAM 6MP WiFi Home Security Camera. This advanced 2-in-1 camera offers a wide 180°+ field of view, AI auto-tracking, Pan Tilt Zoom (PTZ) functionality, and dual-band 5G/2.4G WiFi connectivity for comprehensive home surveillance. Please read this guide thoroughly before using your device.

WHAT'S IN THE BOX

- Dual Lens WiFi 6 Security Camera
- 12V 1A DC Power Adapter with 10ft Wire
- Pre-attached Wall & Ceiling Mounting Bracket
- User Guide
- Surveillance Sticker

KEY FEATURES

Dual-Camera System

The xmartO Dual-CAM features two lenses: a stationary lens and a Pan-Tilt-Zoom (PTZ) tracking lens. This innovative design allows you to monitor and record two distinct areas simultaneously, providing a broader and more detailed surveillance coverage with two separate video feeds.

Image illustrating the dual-camera system, providing two simultaneous views from a single unit.

AI Auto Tracking

Equipped with advanced Artificial Intelligence, the camera can automatically detect and track the movement of people, animals, or vehicles within its field of view. This ensures that important activities are continuously monitored and recorded, reducing the chance of missing critical events.

Image showing the camera's AI auto-tracking feature following a person and a dog.

Pan, Tilt, and Zoom (PTZ) Control

The PTZ lens offers flexible control, allowing you to remotely adjust the camera's horizontal (pan) and vertical (tilt) angles to cover a full 360° viewing area. Digital zoom functionality further enhances your ability to focus on specific details.
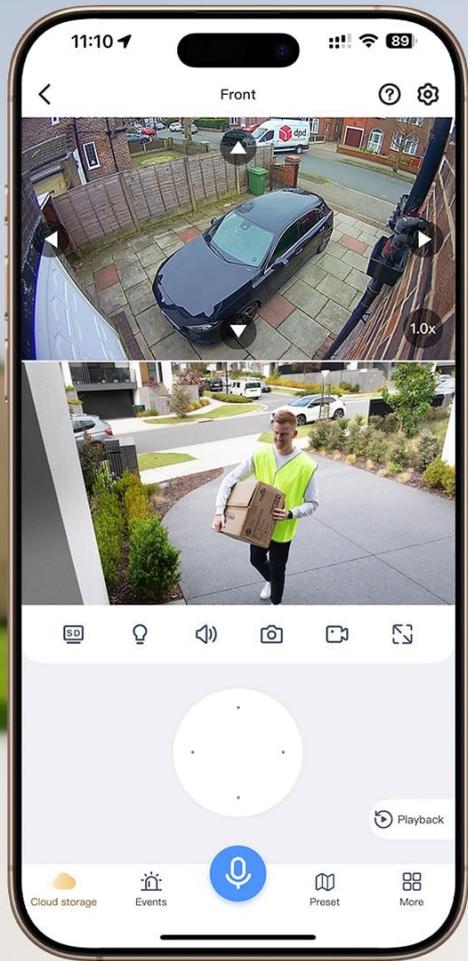
Image demonstrating the Pan, Tilt, and Zoom capabilities of the camera, controllable via smartphone.

Dual Band WiFi 6 Connectivity

Supporting both 5G and 2.4G WiFi 6 bands, the camera provides cutting-edge wireless performance. You can choose 5G for faster speeds in closer proximity or 2.4G for extended range, optimizing connectivity based on your installation environment.

Easy Automatic Setup

With built-in Bluetooth, your smartphone can automatically detect the camera, simplifying the initial setup process. Just input your WiFi password, and the camera connects effortlessly.

Two-Way Audio

Communicate directly through the camera using its high-gain microphone and speaker. This feature allows you to hear what's happening and speak to visitors or deter intruders from anywhere.

Image depicting the two-way audio function, allowing users to communicate through the camera.

Powerful Night Vision

The camera is equipped with 5 professional IR + spotlight LEDs and 2 additional Infrared LEDs. You can select between black & white infrared night vision or full-color night vision using the spotlights, all configurable via the mobile app.
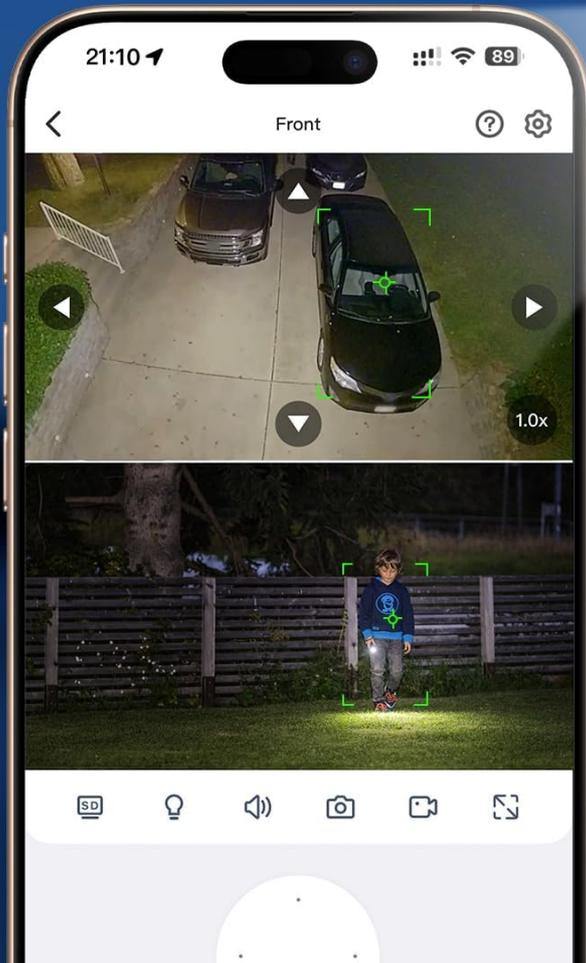
Image showing the camera's automatic floodlights providing color night vision in low light.

Weatherproof Design

With an IP66 weatherproof rating, the camera is designed for reliable performance in various outdoor and indoor conditions, protecting it from dust and water exposure.

Image highlighting the camera's IP66 weatherproof rating, suitable for outdoor use in various conditions.

Multiple Recording Options

Videos can be saved to a local SD card, an xmartO Wi-Fi 6 NVR, or to cloud storage, providing flexible options for video retention and access.

SETUP GUIDE

Step 1: Unpack and Power On

Carefully remove all components from the packaging. Connect the provided 12V 1A DC power adapter to the camera and plug it into a nearby electrical outlet. The camera will power on and initiate its startup sequence.

Step 2: Download the App

To control and view your camera, you need to download the official mobile application. **Important:** The correct app is named **"PixelWall"**, not "WallPixel" as may be indicated in some older documentation. Search for "PixelWall" in your device's app

store (Google Play for Android or App Store for iOS) and install it.

Your browser does not support the video tag.

Official product video demonstrating the features and setup process of the xmartO 2-in-1 Wireless Home Security Camera.

Step 3: Account Creation and Device Pairing

Open the PixelWall app and create a new user account. Follow the in-app instructions to add your new camera. The camera's built-in Bluetooth will facilitate an easy and automatic pairing process; you will only need to enter your WiFi network password.

Step 4: Mounting the Camera

The camera comes with a pre-attached wall and ceiling mounting bracket. Detach the bracket from the camera, secure it to your desired indoor or outdoor surface using the provided screws and wall anchors, and then re-attach the camera to the bracket. The camera can be mounted upright or inverted; the app allows for image inversion to correct the view if mounted upside down.
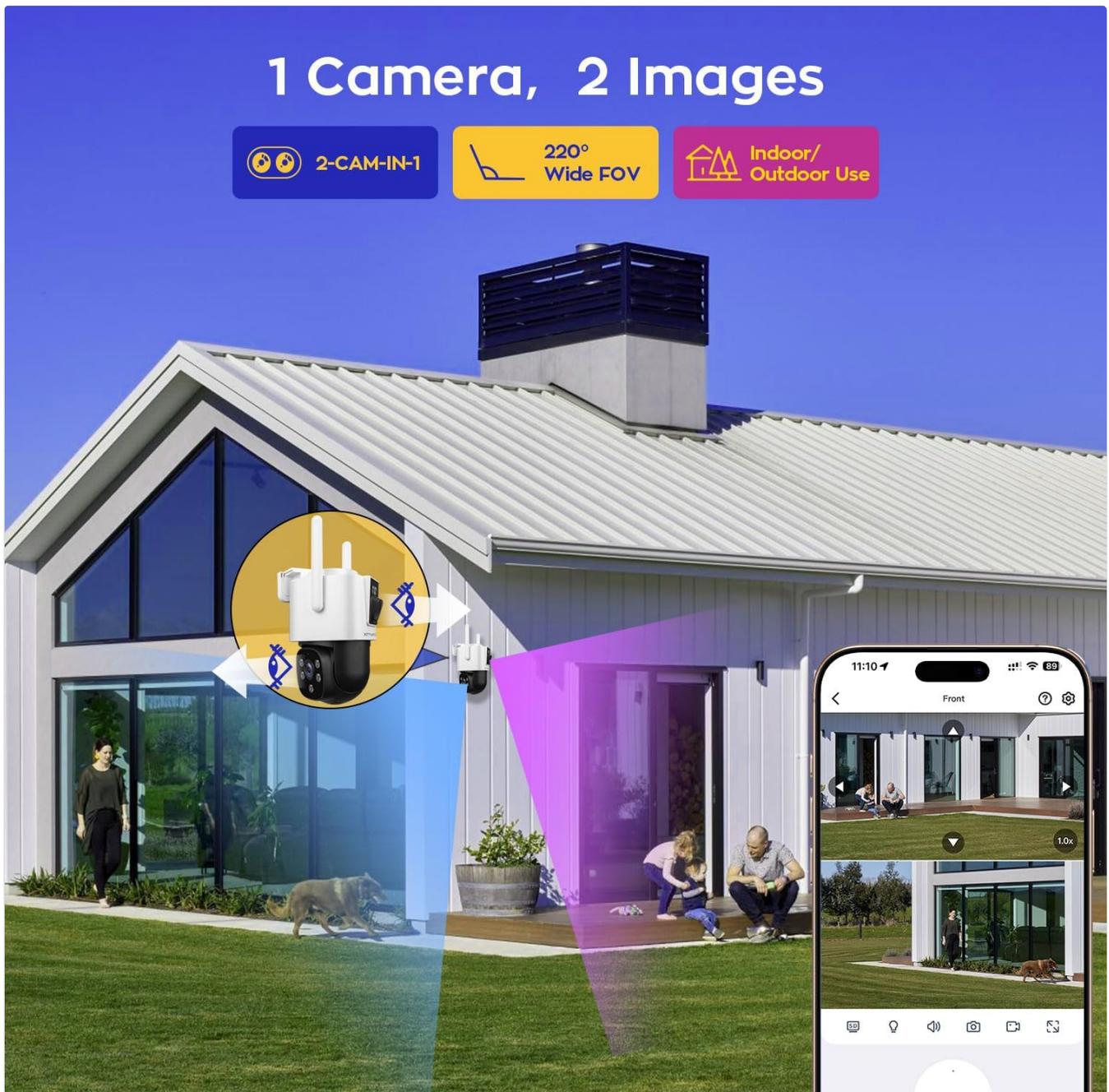

Image showing the xmartO security camera with its pre-attached wall and ceiling mounting bracket.

OPERATING INSTRUCTIONS

Live View and Playback

Access real-time video feeds from both lenses and review recorded footage directly through the PixelWall app. The app interface provides intuitive controls for navigating your surveillance.

PTZ Control

Use the directional controls within the app to pan the PTZ lens horizontally and tilt it vertically. Pinch-to-zoom gestures can be used for digital zoom.

AI Tracking Activation

Enable AI auto-tracking in the camera settings within the PixelWall app. Once activated, the PTZ lens will automatically follow detected motion, keeping subjects in frame.

Two-Way Audio Communication

Tap the microphone icon in the app to speak through the camera's speaker. Ensure your phone's microphone is enabled for two-way communication.

Night Vision Modes

Select your preferred night vision mode (infrared B&W or color night vision with spotlights) from the app's settings. The spotlights can also be configured to activate automatically upon motion detection.

Motion Detection Alerts

Customize motion detection zones and sensitivity levels in the app. Receive instant notifications on your smartphone when motion is detected, with options for human, animal, or vehicle specific detection.

Storage Management

Access and manage recorded videos. If using an SD card, ensure it is properly inserted and formatted via the app. Review cloud storage options and subscriptions if applicable.

MAINTENANCE

- **Cleaning:** Gently wipe the camera lenses and body with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- **Firmware Updates:** Regularly check the PixelWall app for available firmware updates to ensure optimal performance and security.
- **Power Supply:** Ensure the camera is connected to a stable power source. Avoid frequent power interruptions.
- **Environmental Protection:** While weatherproof, avoid direct high-pressure water jets on the camera.

TROUBLESHOOTING

- **App Connectivity Issues:** Ensure you have downloaded the correct "PixelWall" app. Verify your camera is connected to your home WiFi (supports both 5G and 2.4G bands). If issues persist, try restarting your router and the camera.
- **Feedback during Two-Way Audio:** This can occur if the phone and camera are too close. Try increasing the distance or adjusting the volume levels in the app.
- **Excessive Motion Detection Alerts:** Adjust the motion detection sensitivity and define specific detection zones within the app to minimize false alarms from environmental factors like rain, trees, or passing vehicles.

- **Unclear Night Vision:** Ensure the camera lenses and IR/spotlight LEDs are clean and free from obstructions. Check app settings to confirm the desired night vision mode is selected.
- **Camera Not Responding:** Locate the reset key (often a small pinhole) on the camera. Use a pin to press and hold the reset button for several seconds until the camera restarts.

TECHNICAL SPECIFICATIONS

Feature	Specification
Model Name	DLP4054
Indoor/Outdoor Usage	Indoor, Outdoor
Video Capture Resolution	2160p, 4MP
Connectivity Technology	Dual Band WiFi, Wireless (Bluetooth, Ethernet, Wi-Fi)
Viewing Angle	360 Degrees (PTZ)
Special Features	2 Cameras in One, 2-Way Audio, Built-In Light, HD Resolution, PTZ Technology, AI Tracking
Power Source	Corded Electric (12V 1A DC)
Compatible Devices	Desktop, Digital Video Recorder, Laptop, Smartphone, Tablet
Mounting Type	Wall Mount
Item Dimensions (L x W x H)	6.9 x 4.7 x 4.7 inches
Item Weight	3.12 pounds (1.42 Kilograms)
Video Capture Format	H.265
Smart Home Compatibility	Amazon Alexa, WallPixel (App)

WARRANTY AND SUPPORT

xmartO offers a **1-Year Limited Warranty** on this product. Additionally, you benefit from a **30-Day Money Back Guarantee and Free Return**. For any inquiries or assistance, **24/7 Online Support 1-on-1** is available.

For more information, visit the official xmartO Store: xmartO Store