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› HXVIEW 4K PTZ Security Camera Outdoor (Model BU-H900) User Manual

## HXVIEW BU-H900

# HXVIEW 4K PTZ Security Camera Outdoor (Model BU-H900) User Manual

Model: BU-H900

## 1. INTRODUCTION

This manual provides comprehensive instructions for the installation, configuration, and operation of your HXVIEW 4K PTZ Security Camera Outdoor, Model BU-H900. This camera features 50X optical zoom, 360° pan, 90° tilt, 8MP resolution, advanced night vision capabilities, and intelligent detection functions to enhance your outdoor surveillance.



Image 1.1: HXVIEW 4K PTZ Security Camera Outdoor (Model BU-H900)

## 2. PACKAGE CONTENTS

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

- 50X Optical Zoom 4K PTZ WiFi Camera Outdoor
- Power Adaptor
- Camera Screw Packs

### 3. SETUP GUIDE

#### 3.1 Physical Installation

Choose a suitable outdoor location for mounting the camera, ensuring a clear field of view and access to a power source. Use the provided screw packs to securely mount the camera to a wall or other stable surface. The camera features a durable aluminum shell and IP66 waterproof design, suitable for various weather conditions.



Image 3.1: Outdoor Installation and Weather Resistance

## 3.2 Power Connection

Connect the provided power adaptor to the camera's power input and then to a standard electrical outlet. Ensure the connection is secure. The camera operates on 12 Volts (DC).

## 3.3 App Installation and Initial Configuration

Download the 'CamHipro' application from your smartphone's app store (available on Apple App Store and Google Play Store). Follow the in-app instructions to add your camera. This typically involves scanning a QR code on the camera and connecting it to your Wi-Fi network. Ensure your Wi-Fi signal is strong at the camera's location.



Image 3.2: CamHipro App Interface for Monitoring

## 4. OPERATING INSTRUCTIONS

### 4.1 Pan, Tilt, and Zoom (PTZ) Control

The camera supports 360° horizontal pan and 90° vertical tilt, allowing for comprehensive area coverage. Utilize the 50X optical zoom feature to magnify distant objects without compromising image quality. Control these movements via the CamHipro app to adjust the camera's view in real-time.

# Hight-Speed 360° Pan & 90° Tilt Auto Cruise



1 Guard Point



Max. 30 Presets

True 360° View



Pan 360°

Tilt 90°



Preset 2

Preset 1

Preset 3

Image 4.1: Pan and Tilt Functionality

# 50X Optical Zoom

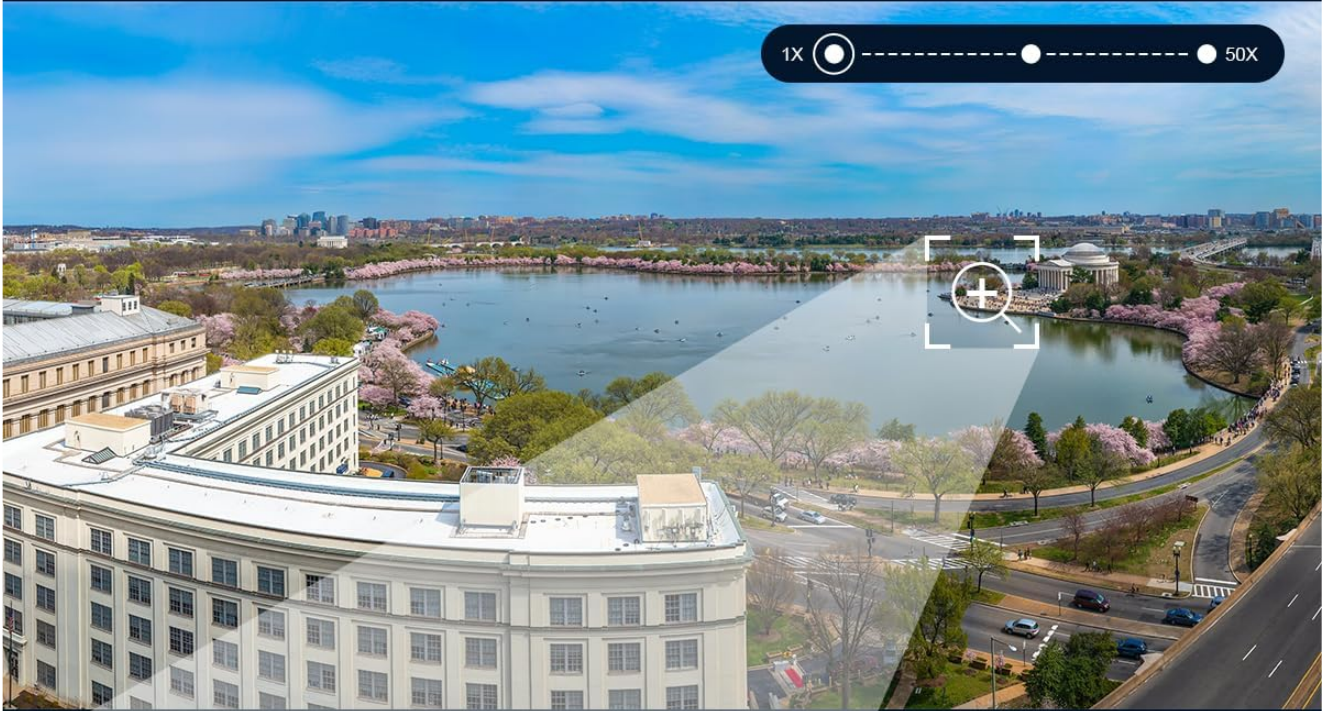
Capture more distant details.



50X Optical Zoom



Autofocus



**50X**  
Optical Zoom



Image 4.2: 50X Optical Zoom Capability

## 4.2 Night Vision Modes

The camera is equipped with both infrared (IR) night vision and color night vision. The 4 super infrared LEDs provide clear black-and-white images up to 1200 feet in complete darkness. Additionally, 4 ultra-bright floodlights enable color night vision up to 130 feet, providing brighter and more detailed nighttime surveillance.

Image 4.3: Super Long Range IR Night Vision



## 1500 Lumens Floodlights

The camera is equipped with 4 super bright floodlights, providing brighter and wider illumination, turning night into day.

Floodlight on 

Color Night Vision  
Up to 130FT

Image 4.4: 1500 Lumens Floodlights for Color Night Vision

### 4.3 Smart Detection and Tracking

Equipped with an AI recognition chip, the camera can differentiate between people, vehicles, and pets. Upon detection, it automatically tracks the movement path, keeping the subject centered in the frame. Customizable detection zones, sensitivity, and schedules help reduce false alarms. Alarm notifications are sent to your phone in real-time.

# Smart Detection & Automatic Tracking

Automatically track moving people/vehicles/dogs/cats and keep track of their latest movements in real time.

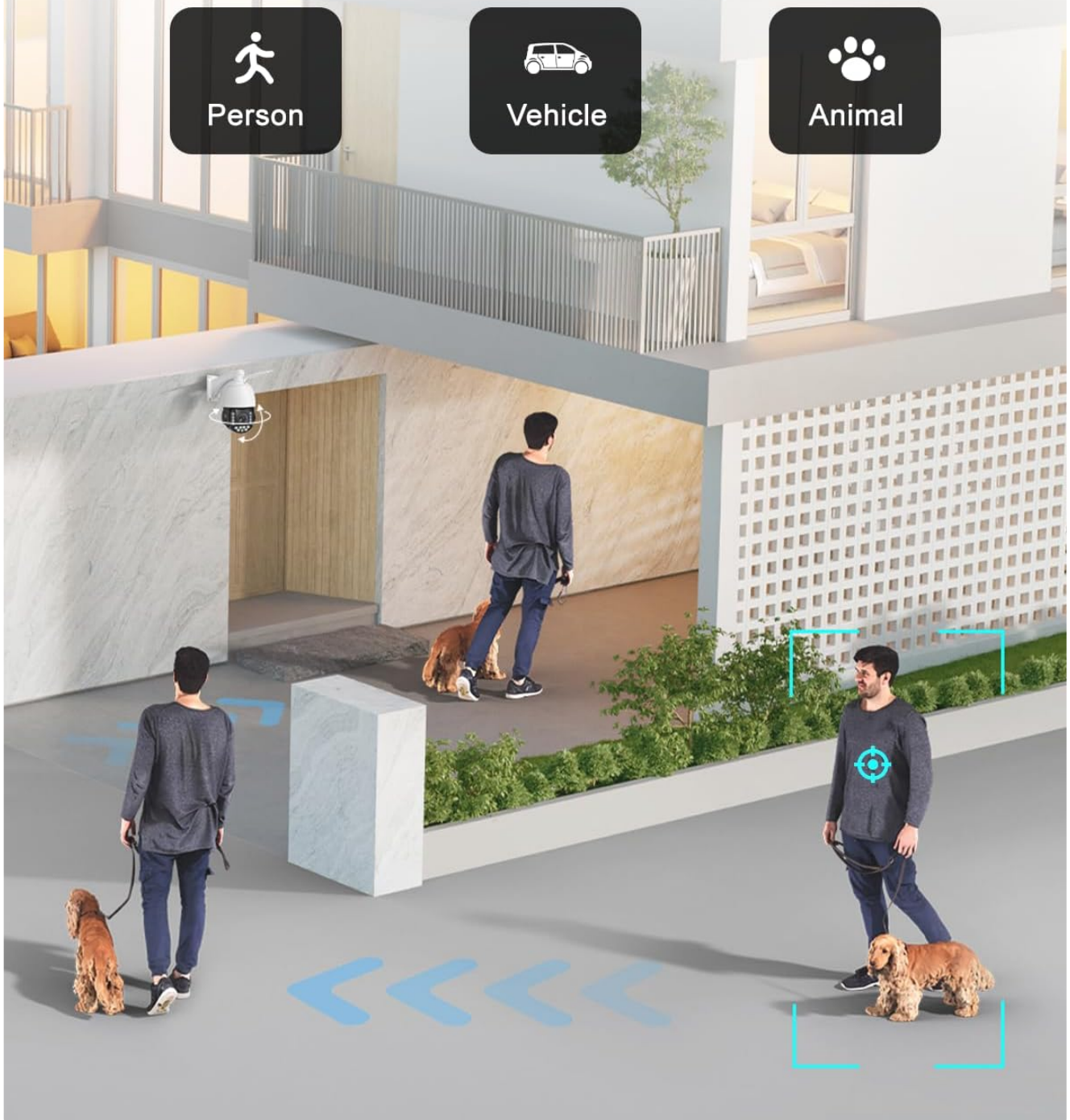


Image 4.5: Smart Detection and Automatic Tracking

## 4.4 Recording and Storage

The camera supports continuous 24/7 recording when a Micro SD card (up to 128GB, not included) is installed. This allows for local storage without additional cloud subscription fees. Review recorded footage directly through the CamHipro app.

## 4.5 Real-Time Alarms and Two-Way Audio

When motion is detected, the camera can trigger real-time alarm notifications to your phone, activate a siren, and turn on its floodlights to deter intruders. The integrated two-way audio feature allows you to communicate with individuals near the camera through the app.

# Real-Time Alarm & Defense

Alarm notifications will be sent to your phone in real time, while bright lights and siren effectively deter unwanted visitors.



APP Push



Siren



Floodlight



Image 4.6: Real-Time Alarm and Defense Features



Image 4.7: Two-Way Audio Communication

## 5. MAINTENANCE

### 5.1 Cleaning

Regularly clean the camera lens and housing with a soft, damp cloth to ensure optimal image clarity and prevent debris buildup. Avoid using harsh chemicals or abrasive materials.

### 5.2 Firmware Updates

Check the CamHipro app periodically for available firmware updates. Keeping your camera's firmware up-to-date ensures access to the latest features, security enhancements, and performance improvements.

## 6. TROUBLESHOOTING

- **No Power:** Ensure the power adapter is securely connected to both the camera and a working electrical outlet.
- **Wi-Fi Connectivity Issues:** Verify your Wi-Fi network is active and the camera is within range. Restart your router and the camera. Ensure correct Wi-Fi password entry in the app.
- **Poor Image Quality:** Clean the camera lens. Check for obstructions in the camera's field of view. Ensure sufficient lighting for optimal night vision performance.
- **Motion Detection Not Working:** Check detection zone settings, sensitivity levels, and schedules in the CamHipro app. Ensure the camera's view is not obstructed.
- **SD Card Not Recording:** Ensure the Micro SD card is correctly inserted and formatted within the app. Verify the card is not full or corrupted.

For further assistance, please refer to the support section or contact HXVIEW customer service.

## 7. SPECIFICATIONS

Feature	Detail
Model Name	BU-H900
Indoor/Outdoor Usage	Outdoor
Video Capture Resolution	4K (8MP)
Optical Zoom	50x
Pan Range	360 Degrees
Tilt Range	90 Degrees
Night Vision Range (IR)	Up to 1200 Feet
Color Night Vision Range (Floodlight)	Up to 130 Feet
Connectivity Protocol	Wi-Fi
Controller Type	CamHipro App
Storage	Micro SD (up to 128GB)
Water Resistance Level	IP66 Waterproof
Power Source	Corded Electric (12V DC)
Special Features	2-Way Audio, HD Resolution, Local Recording, PTZ Technology, Weather Proof, Auto Tracking, Person/Vehicle/Pet Detection
Item Dimensions L x W x H	6.69 x 5.12 x 9.84 inches
Item Weight	5.23 pounds

## 8. WARRANTY AND SUPPORT

### 8.1 Warranty Information

For detailed warranty information regarding your HXVIEW 4K PTZ Security Camera Outdoor, please refer to the warranty card included with your product or visit the official HXVIEW website. Warranty terms typically cover manufacturing defects for a specified period from the date of purchase.

### 8.2 Customer Support

If you encounter any issues or have questions about your HXVIEW camera, please contact our customer support team. You can usually find contact information (email, phone, or online chat) on the HXVIEW official website or within the CamHipro application's help section.

