

PNZEO W8

PNZEO W8 Compact Indoor Smart Home Security Camera User Manual

Model: W8
Brand: PNZEO

1. INTRODUCTION

Thank you for choosing the PNZEO W8 Compact Indoor Smart Home Security Camera. This manual provides detailed instructions for setting up, operating, and maintaining your camera to ensure optimal performance and security for your home, pets, or loved ones. The W8 camera features 4K Ultra HD resolution, enhanced night vision, two-way audio, smart motion detection, and supports both 5GHz and 2.4GHz dual-band Wi-Fi connectivity.

2. SAFETY INFORMATION

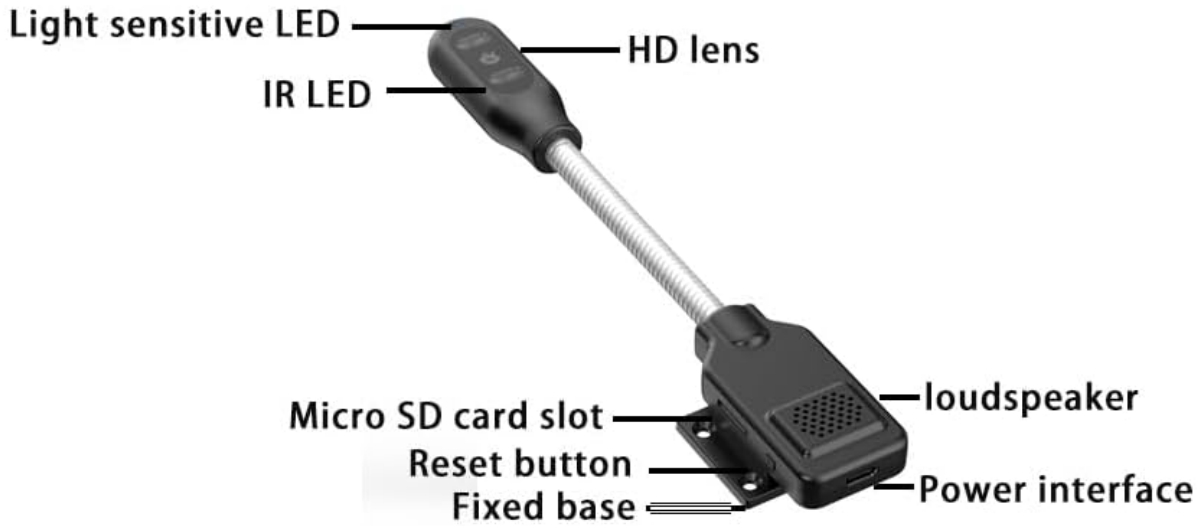
Please read and understand all safety instructions before using this product. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- This device is designed for indoor use only. Avoid exposure to water, moisture, or extreme temperatures.
- Ensure the power source is stable and within the specified voltage (DC=5V/1A).
- Do not attempt to disassemble, repair, or modify the camera. Refer all servicing to qualified personnel.
- Keep the camera and its accessories out of reach of children and pets.
- Unplug the camera during lightning storms or when unused for long periods.
- The camera requires continuous power via a USB-C cable. It does not have an internal battery.

3. PRODUCT OVERVIEW

The PNZEO W8 camera is designed for discreet and flexible placement. Its unique gooseneck design allows for easy adjustment and positioning.

Product Parameter




APP MTCam HD/iWfCam	Resolution 4K/1080P	Supported system IOS/ANDROID	Storage method MICRO SD	
Connection mode P2P/WIFI	Interface Type TYPE-C	input DC=5V/1A	Video format MP4/AVI	
 camera	 fixed base	 package	 power cable	 manual

Figure 3.1: Product Parameter Diagram showing Light sensitive LED, IR LED, HD lens, Micro SD card slot, Reset button, Fixed base, Loudspeaker, and Power interface.

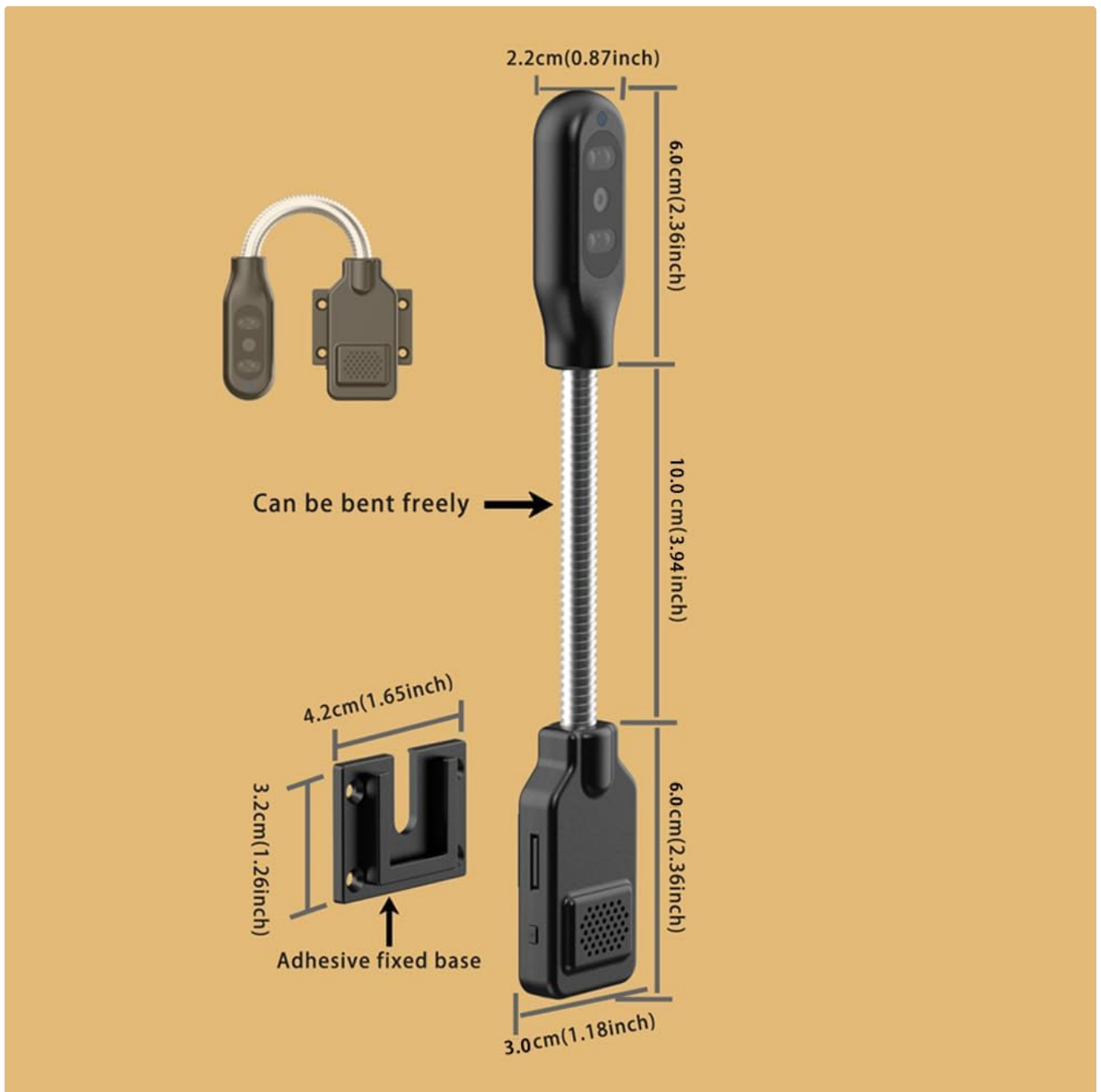


Figure 3.2: Dimensions of the PNZEO W8 camera and its flexible gooseneck, illustrating its compact size and bendable design.

Package Contents:

- PNZEO W8 Camera Body
- Fixed Base
- USB-C Power Cable
- User Manual

Note: A Micro SD card (up to 256GB) and a power adapter are not included and must be purchased separately.

4. SETUP

4.1 App Installation

To control and monitor your PNZEO W8 camera, you need to download the companion application.

1. Scan the QR code provided in the included user manual or search for "MTCam" or "iWFCam" in your mobile device's app store (available on iOS and Android).
2. Download and install the application.
3. Register a new account or log in if you already have one.

4.2 Powering On the Camera

1. Connect the provided USB-C power cable to the camera's power interface.
2. Plug the other end of the USB-C cable into a 5V/1A USB power adapter (not included) and then into a wall outlet.
3. The camera will power on and indicate its status via an LED light.

4.3 Wi-Fi Connection

The PNZEO W8 supports both 5GHz and 2.4GHz Wi-Fi networks for flexible connectivity.



Figure 4.1: The PNZEO W8 camera supports both 5GHz and 2.4GHz Wi-Fi bands, offering faster transmission speeds and wider range.

1. Open the installed app on your smartphone.

2. Follow the in-app instructions to add a new device. This typically involves selecting your Wi-Fi network and entering the password.
3. Ensure your phone is connected to the same Wi-Fi network you intend to connect the camera to during the setup process.
4. The camera's LED indicator will change once successfully connected to Wi-Fi.

4.4 Micro SD Card Installation (Optional)

For local storage and continuous recording, insert a Micro SD card (up to 256GB, not included).



Figure 4.2: The camera supports local loop storage via a Micro SD card (up to 256GB, not included) for 24/7 continuous recording or motion detection recording.

1. Locate the Micro SD card slot on the camera body (refer to Figure 3.1).
2. Gently insert the Micro SD card into the slot until it clicks into place. Ensure the correct orientation.
3. The app will prompt you to format the SD card if it's new or not formatted for the camera. Follow the instructions to format it within the app.

5. OPERATING INSTRUCTIONS

5.1 Remote Monitoring

Once connected, you can view live footage from your camera anytime, anywhere via the app.



Figure 5.1: The camera's app interface showing live view, sound, talkback, record video, and snapshot options.

Motion Detection & Alarm

Trigger alerts and push them to your phone in real-time



Figure 5.2: Illustrates remote viewing capabilities for various scenarios such as home, baby and pet monitoring, and office surveillance.

5.2 Two-Way Audio

The camera features a built-in microphone and speaker, enabling two-way communication.

- In the live view interface, tap the microphone icon to speak through the camera's speaker.
- Tap the speaker icon to listen to audio from the camera's surroundings.

5.3 Motion Detection & Alerts

The camera utilizes smart perceive technology to detect motion and send real-time alerts to your phone.

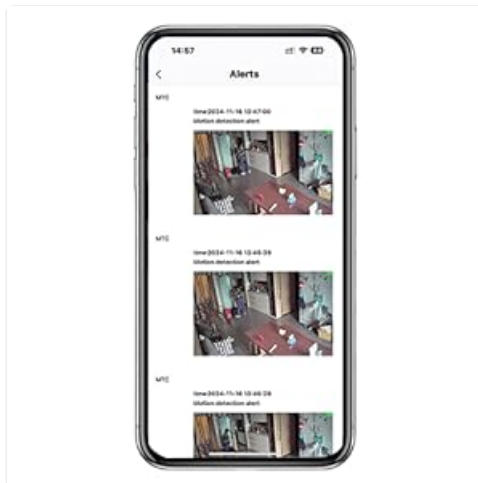


Figure 5.3: Example of a motion detection alarm notification received on a smartphone.

- Enable motion detection in the app settings.
- Adjust sensitivity levels as needed to minimize false alarms.
- When motion is detected, you will receive an instant notification on your phone, and the camera can automatically record video to the Micro SD card.

5.4 Night Vision

Equipped with infrared lights and smart light sensors, the camera provides clear night vision.

IR Night Vision

Don't miss every colorful moment

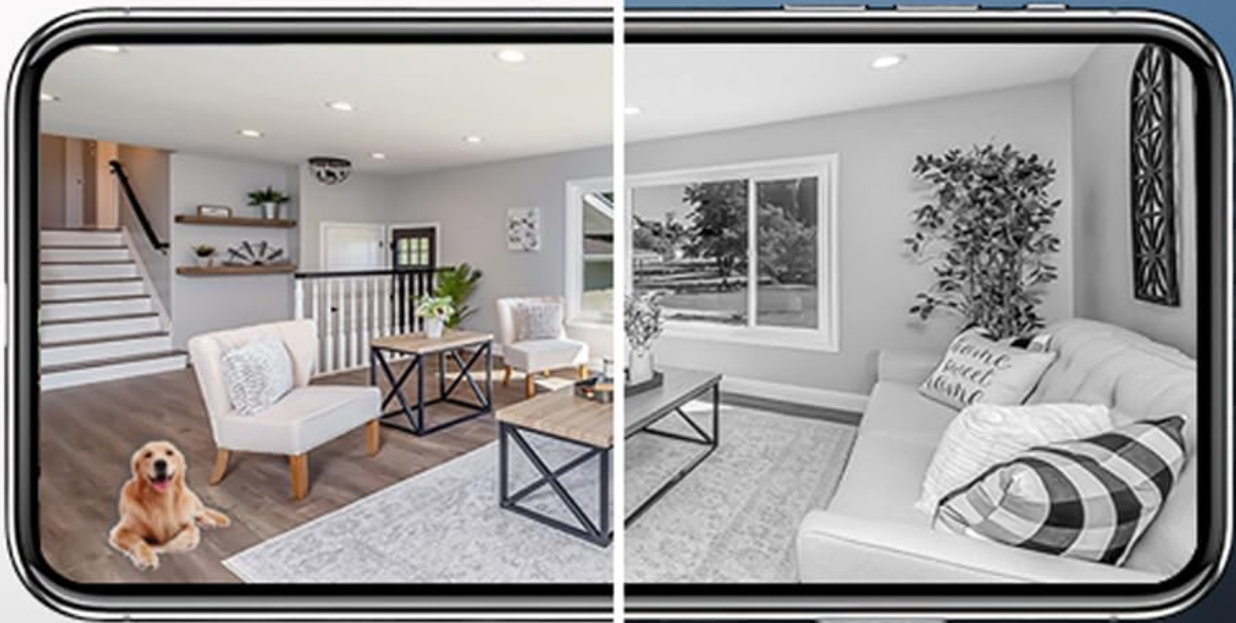


Figure 5.4: Comparison of day and night vision, showing the camera's ability to capture clear images in low light conditions using IR night vision.

- Night vision activates automatically in low-light conditions.
- The camera provides a night vision range of up to 8 meters.

5.5 Recording and Playback

The camera supports 24/7 continuous recording and motion-triggered recording to a Micro SD card.

- Ensure a Micro SD card is properly installed and formatted.
- Access recorded videos through the app's playback feature.
- Videos are encrypted for privacy and security.

6. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the camera lens and body. Do not use liquid cleaners or aerosols.

- **Placement:** Place the camera in a location where it is protected from direct sunlight, rain, and extreme temperatures.
- **Firmware Updates:** Regularly check the app for firmware updates to ensure optimal performance and security.
- **SD Card Management:** Periodically review and back up important recordings from your Micro SD card. The card will loop record, overwriting older footage when full.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Camera not powering on.	No power supply or faulty cable/adapter.	Ensure the USB-C cable is securely connected to a 5V/1A power adapter and a working outlet. Try a different power adapter or USB port.
Cannot connect to Wi-Fi.	Incorrect Wi-Fi password, camera too far from router, or network interference.	Double-check Wi-Fi password. Move camera closer to the router. Ensure your router supports 2.4GHz or 5GHz and that the camera is connecting to the correct band. Reset the camera and try again.
Poor audio quality (muffled/tinny).	Environmental noise, microphone/speaker obstruction, or software issue.	Ensure no obstructions near the microphone/speaker. Reduce background noise. Check for app updates.
Camera gets hot during operation.	Normal operation for compact electronics, but excessive heat can indicate an issue.	Ensure adequate ventilation around the camera. If it becomes excessively hot to touch or malfunctions, discontinue use and contact support.
SD card not recognized or recording.	SD card not inserted correctly, not formatted, or faulty.	Reinsert the SD card. Format the SD card via the app. Try a different, compatible Micro SD card (up to 256GB).
Motion alerts are too sensitive/frequent.	Sensitivity settings are too high, or environmental factors (e.g., shadows, moving curtains).	Adjust motion detection sensitivity in the app settings. Reposition the camera to avoid areas with frequent non-threatening movement.

8. SPECIFICATIONS

Feature	Detail
Model Name	W8
Brand	PNZEO
Connectivity Technology	Wireless (Wi-Fi)
Wi-Fi Support	5GHz & 2.4GHz Dual-Band

Feature	Detail
Video Capture Resolution	1080p, 4K
Frame Rate	30 frames per second
Night Vision Range	8 Meters
Special Features	Local Recording, HD Resolution, Night Vision, 2-Way Audio, Motion Sensor
Storage	Micro SD Card (up to 256GB, not included)
Power Source	Corded Electric (DC=5V/1A)
Controller Type	IOS, Android (via App)
Dimensions (L x W x H)	9.25 x 1.18 x 0.59 inches
Item Weight	6.7 ounces
Material	Acrylonitrile Butadiene Styrene (ABS)
Indoor/Outdoor Usage	Outdoor, Indoor

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the contact details provided with your product packaging or visit the official PNZEO website. Keep your purchase receipt as proof of purchase for warranty claims.