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Andoer Andoer 1080P Pan/Tilt Camera

Andoer 1080P HD Wireless Security Camera User Manual

Model: Andoer 1080P Pan/Tilt Camera

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Andoer 1080P HD Wireless Security Camera. Please read this manual thoroughly before using the product to ensure proper functionality and safety.

Figure 1: Andoer 1080P HD Wireless Security Camera. This image shows the white dome-shaped camera with its mounting bracket, featuring two lenses and an array of IR LEDs and white lights.

2. Product Features

- **Dual Lens System:** Monitors both left and right sides simultaneously with 360° panoramic rotation, eliminating dead angles.
- **Flexible Storage Options:** Supports both TF card (up to 256GB) and Cloud storage for secure recording.
- **Wide Compatibility:** Compatible with Android, Windows, and iOS systems for connection with various devices (iPhone, computer, iPad).
- **Advanced Connectivity:** 1080P HD real-time monitoring via WiFi connection with remote viewing and playback through a mobile app. Includes Bluetooth (BT) for faster and more stable connection.
- **Extensive Viewing Range:** Pan (355°) and Tilt (90°) control via mobile app.
- **Enhanced Night Vision:** Supports full-color night vision and infrared (IR) night vision for clear images in low light or darkness.
- **AI Smart Motion Detection & Auto Tracking:** Automatically captures motion trajectories and sends mobile app notifications upon detection of human faces or objects.
- **Two-Way Audio:** Built-in speaker and microphone for real-time voice intercom.

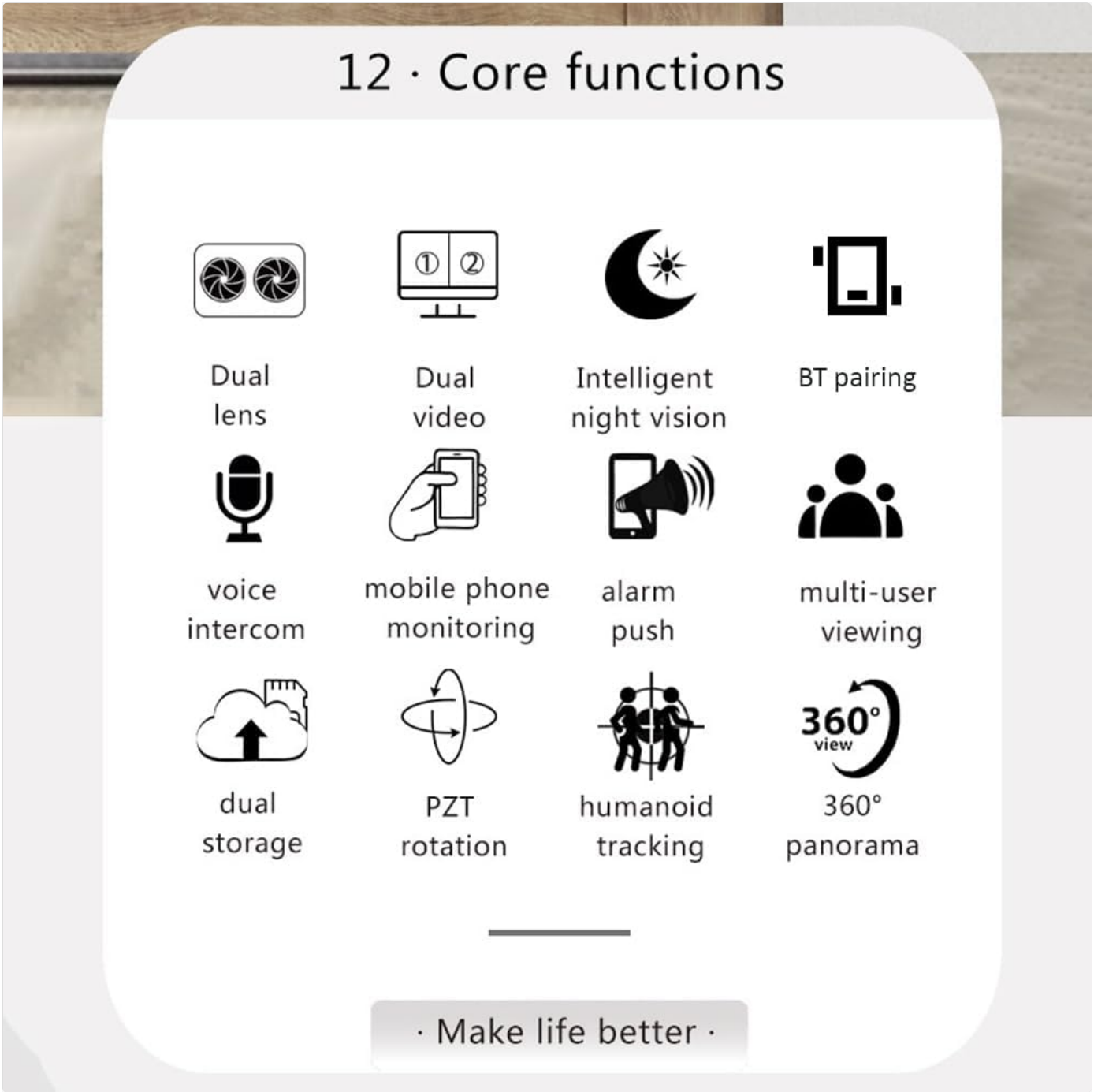

Figure 2: Overview of 12 Core Functions. This diagram illustrates key features such as dual lens, dual video, intelligent night vision, BT pairing, voice intercom, mobile phone monitoring, alarm push, multi-user viewing, dual storage, PTZ rotation, humanoid tracking, and 360° panorama.

3. Package Contents

Verify that all items are present in the package:

- 1 x Wireless Camera
- 1 x Charging Cable
- 1 x Power Adapter
- 3 x Screws
- 3 x Dowels
- 1 x Mount Pedestal
- 1 x User Manual

Figure 3: Product Diagram and Packing List. This image shows a detailed diagram of the camera's components (TF card slot, reset button, speaker, power interface, HD cameras, IR LED, microphone) and a visual representation of all items included in the package.

4. Specifications

Feature	Specification
Color	White
Resolution	1080P (3MP Pixel)
External Storage	Supports up to 256GB TF Card
IR/White Light Beads	6pcs White light, 6pcs IR vision
Rotatable Angle (Horizontal)	355°
Rotatable Angle (Vertical)	90°

WiFi Signal	Supports 2.4G/5G WiFi signal
Voice Intercom	Built-in speaker pickup
Power	DC 5V/1.5A
Item Size	11 * 8cm (4.33 * 3.14in)
Item Weight	198g (6.98oz)
Compatible Devices	Desktop, Smartphone
Connectivity Protocol	Wi-Fi
Mounting Type	Wall Mount
Form Factor	Dome
Indoor/Outdoor Usage	Indoor

5. Setup Guide

5.1. Mounting the Camera

The camera supports multiple installation methods:

1. **Formal Loading (Desktop Placement):** Place the camera on a flat surface like a table or shelf.
2. **Lifting (Ceiling Mount):** Use the provided mount pedestal, screws, and dowels to attach the camera to the ceiling. Ensure the camera is securely fastened.
3. **Side Loading (Wall Mount):** Use the provided mount pedestal, screws, and dowels to attach the camera to a wall. Ensure the camera is securely fastened.

Figure 4: Camera Installation Methods. This image illustrates three ways to install the camera: formal loading (desktop), lifting (ceiling mount), and side loading (wall mount).

5.2. Powering On

Connect the charging cable to the camera's power interface and plug the power adapter into a standard electrical outlet. The camera will power on and initiate its startup sequence.

5.3. App Download and Connection

1. Download the official mobile application for the camera from your device's app store (compatible with Android and iOS).
2. Register or log in to your account within the app.
3. Follow the in-app instructions to add your new camera. This typically involves scanning a QR code on the camera or connecting via Bluetooth for faster pairing.
4. Connect the camera to your 2.4G or 5G WiFi network as prompted by the app.
5. Once connected, you should see the live feed from your camera in the app.

6. Operating Instructions

6.1. Live View and Remote Control

Access the live video feed through the mobile application. Use the on-screen controls to pan (355° horizontal) and tilt (90° vertical) the camera lens to adjust the viewing angle.

Figure 5: Remote Viewing Capability. This image shows the camera's live feed being viewed simultaneously on a laptop, tablet, and smartphone, demonstrating multi-device and multi-user viewing support.

6.2. Two-Way Audio Communication

Utilize the built-in microphone and speaker for two-way voice communication. Tap the microphone icon in the app to speak, and listen through the camera's speaker.

Figure 6: Bluetooth Pairing and Two-Way Audio. This image illustrates the BT pairing process for faster connection and the two-way voice intercom feature, allowing real-time communication through the mobile app.

6.3. Night Vision Modes

The camera automatically switches to night vision in low-light conditions. It supports three modes:

- **Full Color Night Vision:** When ambient light is insufficient, the white lights turn on automatically, providing a full-color image.
- **Infrared (IR) Vision:** In very low light, the infrared lights activate, providing a clear black and white image.
- **Intelligent Night Vision:** Combines IR and white light. The camera primarily uses IR, but if motion is detected, the white lights may activate for a full-color view and a visual deterrent.

Figure 7: Comparison of Night Vision Modes. This image displays examples of Full Color, Infrared Vision, and Intelligent Night Vision, demonstrating how the camera adapts to different lighting conditions.

6.4. Motion Detection and Tracking

Enable AI Smart Motion Detection in the app settings. When motion is detected, the camera will:

- Automatically track the movement of human figures or objects.
- Send an alert notification to your mobile phone via the app.
- Potentially activate a sound and light alarm (if configured).

Figure 8: Motion Detection and Warning System. This image illustrates the camera's ability to detect motion, trigger sound and light alarms, send mobile phone alerts, and perform humanoid tracking.

6.5. Storage Management

The camera supports two storage methods:

- **TF Card Storage:** Insert a TF card (up to 256GB) into the designated slot. The camera will automatically store recordings. Older recordings will be overwritten when the card is full.
- **Cloud Storage:** Subscribe to cloud storage services through the app for secure, remote access to your video recordings.

Figure 9: Dual Storage Options. This image highlights the availability of both cloud storage and local TF card storage for video recordings.

7. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the camera lens and body. Do not use liquid cleaners or abrasive materials.
- **Firmware Updates:** Regularly check the mobile app for firmware updates to ensure optimal performance and security.
- **Power Supply:** Use only the provided power adapter to prevent damage to the camera.
- **Placement:** Ensure the camera is placed in a stable location, away from direct sunlight, extreme temperatures, and moisture.

8. Troubleshooting

Problem	Possible Cause	Solution

Camera not connecting to WiFi.	Incorrect WiFi password; camera too far from router; router firewall settings.	Verify WiFi password; move camera closer to router; check router settings or temporarily disable firewall. Ensure you are connecting to a 2.4G or 5G network.
No live video feed.	Camera offline; poor internet connection; app issue.	Check camera's power and WiFi connection; restart camera and app; check internet speed.
Motion detection alerts not received.	Motion detection disabled; app notifications turned off; network issues.	Enable motion detection in app settings; allow app notifications in phone settings; ensure stable network connection.
TF card not recording.	Card full; card not inserted correctly; card corrupted; unsupported card format.	Check card capacity; reinsert card; format card via app (if supported) or computer; ensure card is within supported size (up to 256GB).
Two-way audio not working.	Microphone/speaker muted in app; network latency.	Check audio settings in the app; ensure stable network connection.

9. Official Product Videos

No official product videos from the seller are available for embedding at this time.

10. Warranty and Support

For warranty information and technical support, please refer to the contact details provided on the product packaging or visit the official Andoer website. Keep your purchase receipt for warranty claims.
Andoer Official Store: Visit Andoer Store on Amazon

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