

## ASHATA E27 Light Bulb Security Camera

# ASHATA E27 Light Bulb Security Camera User Manual

Model: E27 Light Bulb Security Camera

## 1. INTRODUCTION

Thank you for choosing the ASHATA E27 Light Bulb Security Camera. This device provides comprehensive surveillance for your home or office, integrating a 2MP HD camera with smart features like motion detection, two-way audio, and remote access. Designed for easy installation into a standard E27 light socket, it offers a convenient and effective security solution.

### Key Features:

- 2MP HD Video Resolution (1080P)
- Motion Detection with AI Recognition Technology
- Two-Way Audio Communication
- E27 Light Socket Compatibility for Easy Installation
- Smart H.264 Video Encoding for Efficient Storage
- Multiple Night Vision Modes (Infrared and Full Color)
- Support for up to 128GB Memory Card (not included) and Cloud Storage
- Multi-User Remote Viewing via Mobile App (Android/iOS)

## 2. PACKAGE CONTENTS

Please check the package for the following items:

- ASHATA E27 Light Bulb Security Camera
- Mounting Screws and Wall Plugs
- Reset Pin
- User Manual

# PIR Motion Detection

Integrated spotlight built-in siren



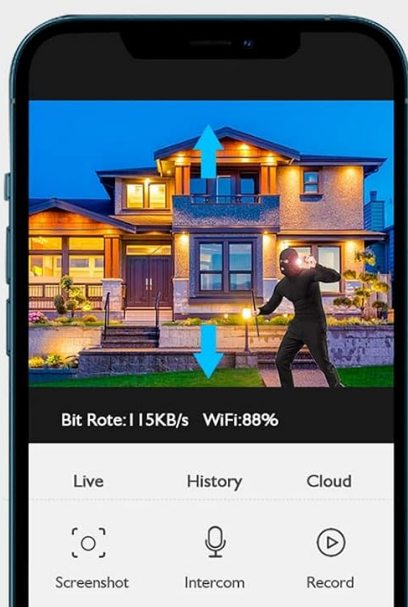
Recording



Send email



Alarm sound



## AI Recognition Technology



Image: The ASHATA E27 Light Bulb Security Camera shown with its mounting accessories and reset pin.

## 3. SETUP AND INSTALLATION

### 3.1 Physical Installation

1. **Power Off:** Ensure the power to the E27 light socket is turned off before installation to prevent electrical shock.
2. **Screw In:** Carefully screw the ASHATA E27 Light Bulb Security Camera into a standard E27 light socket. Ensure it is securely fastened.
3. **Power On:** Restore power to the E27 light socket. The camera will power on and initiate its startup sequence.

### 3.2 App Download and Account Creation

1. **Download App:** Search for the recommended companion app (e.g., 'for Home' or similar, as indicated in product packaging) on the Google Play Store (for Android) or Apple App Store (for iOS).
2. **Install App:** Download and install the app on your smartphone.

3. **Register/Login:** Open the app and follow the on-screen instructions to register a new account or log in if you already have one.

Image: The camera is compatible with various smartphones and tablets running Android and iOS operating systems.

### 3.3 Network Connection and Pairing

1. **Add Device:** In the app, tap the '+' icon or 'Add Device' to begin the pairing process.
2. **Select Device Type:** Choose 'Security Camera' or the specific model if prompted.
3. **Wi-Fi Configuration:** Follow the app's instructions to connect the camera to your 2.4GHz Wi-Fi network. You may need to scan a QR code displayed on your phone with the camera, or the app might use sound pairing.
4. **Completion:** Once connected, the camera will appear in your device list within the app. You can then rename it and access its features.

### 3.4 Memory Card Installation (Optional)

The camera supports a maximum of 128GB memory card (not included) for local storage.

1. **Power Off:** Disconnect the camera from power before inserting or removing the memory card.
2. **Locate Slot:** Find the memory card slot on the camera body. It may be under a protective cover or require slight rotation of the camera head.
3. **Insert Card:** Gently insert the MicroSD card into the slot with the contacts facing the correct direction until it clicks into place.
4. **Power On:** Reconnect power. The camera will automatically detect the memory card. Format the card via the app settings if prompted or if you experience recording issues.

## 4. OPERATING INSTRUCTIONS

### 4.1 Live View and Playback

- **Access Live View:** Open the app and select your camera from the device list to view the live feed.
- **Playback:** Access recorded footage via the 'History' or 'Playback' section in the app. You can filter by date and time.



**2 Million Pixel Clear Picture Quality**

2 million pixels

High performance CMOS image sensor, 200W pixel HD surveillance, resolution up to 1920x1080. Clearer image

2MP 1080P

Image: The camera provides 2 Million Pixel (1080P) clear picture quality for detailed surveillance.

## 4.2 Two-Way Audio

The camera supports two-way audio communication, allowing you to speak and listen through the camera.

- **Activate Audio:** In the live view interface, tap the microphone icon to speak. Tap the speaker icon to listen to audio from the camera's location.
- **Half-Duplex:** The camera uses half-duplex voice effect, meaning you speak or listen, but not simultaneously.

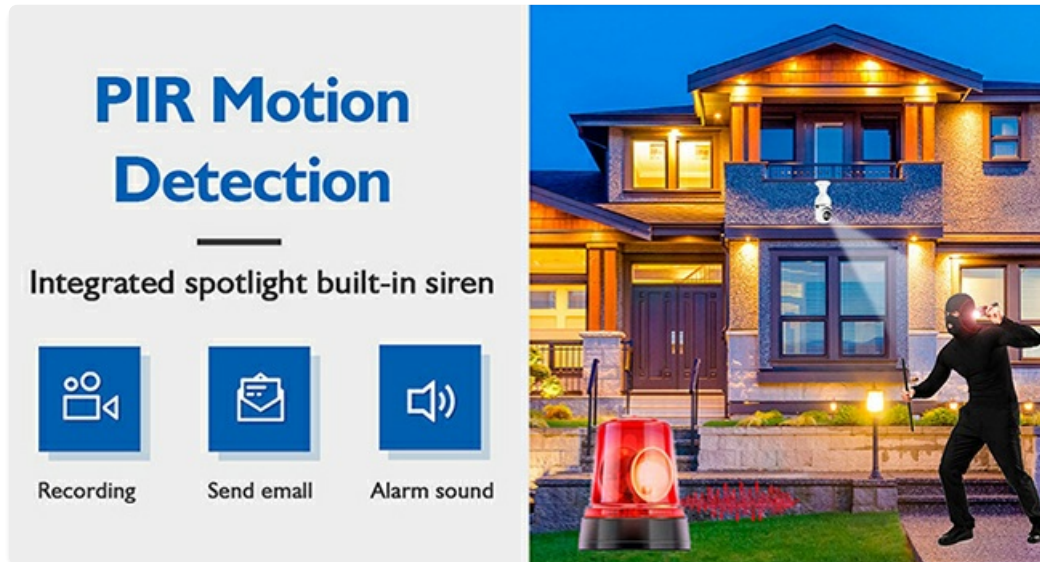


Image: The camera supports multi-user viewing and two-way audio, allowing communication with visitors.

## 4.3 Motion Detection and Alerts

The camera features intelligent motion detection with AI recognition technology.

- **Enable Detection:** Go to the camera settings in the app to enable motion detection.
- **AI Recognition:** Configure AI recognition for specific targets (e.g., human, vehicle, pet) to reduce false alarms.
- **Alerts:** Receive push notifications on your smartphone when motion is detected. The camera can also trigger an alarm sound and send email alerts.
- **Movement Tracking:** Enable movement tracking for the camera to automatically follow detected subjects.

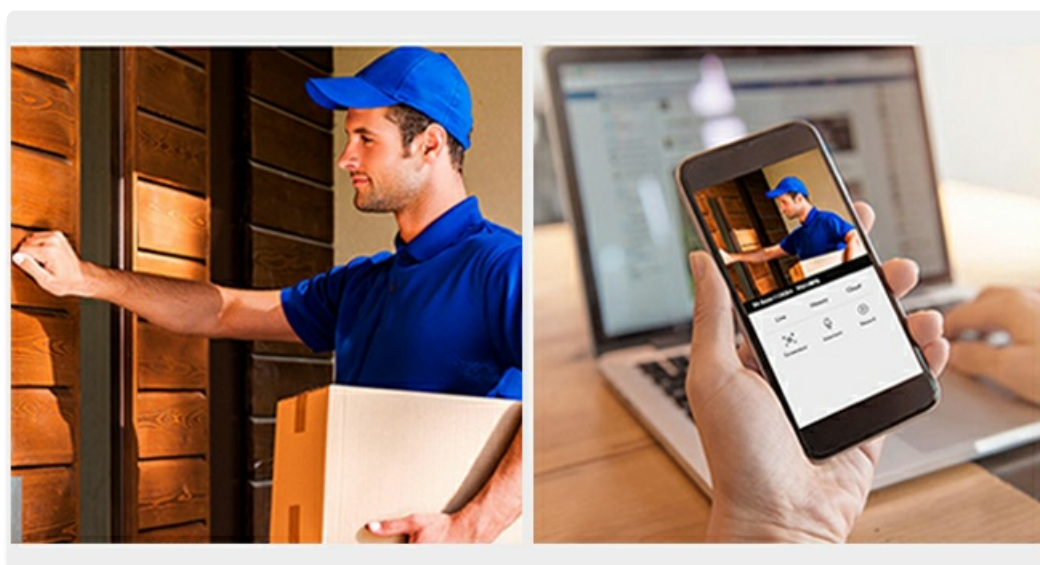


Image: The camera features PIR motion detection with integrated spotlight and siren, along with AI recognition for people, vehicles, and pets.

## 4.4 Night Vision Modes

The camera offers two night vision modes for clear monitoring in low-light conditions:

- **Infrared Night Vision:** Provides clear black and white images in complete darkness using infrared LEDs.
- **Black Light Full Color Night Vision:** Utilizes warm light to provide full-color images at night, automatically switching based on environmental conditions.

## 4.5 Recording and Storage

- **Alarm Recording:** Records video clips when motion is detected.
- **Continuous Recording:** If a memory card is installed, the camera can record continuously (settings configurable in the app).
- **Cloud Storage:** The camera supports cloud storage services (subscription may be required). Access and manage cloud recordings through the app.
- **H.264 Encoding:** Smart H.264 compression reduces file sizes while maintaining video quality, optimizing storage space.

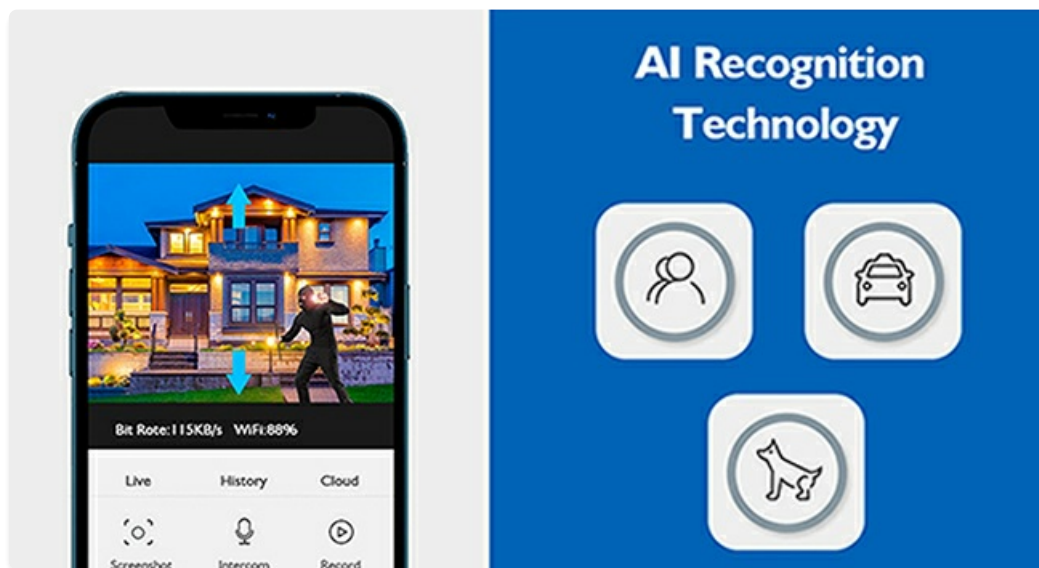


Image: The camera utilizes Smart H.264 Video Encoding for efficient storage, supports cloud storage, P2P technology, and features advanced audio processing.

## 4.6 Pan/Tilt/Zoom (PTZ) and Screen Controls

- **Pan/Tilt:** In the live view, swipe on the screen to remotely control the camera's horizontal (355 degrees) and vertical (90 degrees) movement.
- **Digital Zoom:** Pinch to zoom in or out on the live feed.
- **Screen Flip/Mirror:** Access settings to flip or mirror the video feed if the camera is mounted in an inverted position.

# 5. MAINTENANCE

## 5.1 Cleaning

To maintain optimal performance, keep the camera lens and body clean.

- **Power Off:** Always disconnect the camera from power before cleaning.
- **Lens:** Use a soft, lint-free cloth specifically designed for optical lenses. Do not use abrasive cleaners or solvents.

- **Body:** Wipe the camera body (made of ABS material) with a soft, damp cloth. Avoid excessive moisture.

## 5.2 Firmware Updates

Periodically check the app for available firmware updates. Updates can improve performance, add new features, and enhance security.

- **Check for Updates:** Navigate to the camera settings in the app and look for a 'Firmware Update' or 'About Device' section.
- **Update Process:** Follow the on-screen instructions. Ensure the camera remains powered on and connected to Wi-Fi during the entire update process. Do not interrupt the update.

## 5.3 Memory Card Management

Regularly check the status of your memory card through the app. If the card is full, older recordings may be overwritten (loop recording) or recording may stop.

- **Format Card:** If you encounter recording issues or wish to erase all data, format the memory card via the app settings. This will delete all stored footage.
- **Replacement:** If the memory card becomes corrupted or fails, replace it with a new, compatible MicroSD card (Class 10 or higher recommended).

## 6. TROUBLESHOOTING

| Problem                      | Possible Cause                                                              | Solution                                                                                                                       |
|------------------------------|-----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Camera not powering on       | No power to E27 socket; camera not screwed in properly                      | Check E27 socket power; ensure camera is securely screwed in.                                                                  |
| Unable to connect to Wi-Fi   | Incorrect Wi-Fi password; camera too far from router; 5GHz Wi-Fi network    | Verify Wi-Fi password; move camera closer to router; ensure you are connecting to a 2.4GHz network.                            |
| No video feed/offline        | Network issue; camera disconnected                                          | Check Wi-Fi connection; restart camera by cycling power; check router status.                                                  |
| Motion detection not working | Detection disabled; sensitivity too low; incorrect detection zone           | Enable motion detection in app; adjust sensitivity; configure detection zones.                                                 |
| Two-way audio issues         | Microphone/speaker muted in app; network latency                            | Ensure microphone/speaker are enabled; check network stability.                                                                |
| Memory card not recording    | Card full; card corrupted; card not formatted; incorrect recording settings | Format memory card in app; replace card if corrupted; check recording settings.                                                |
| Camera unresponsive/frozen   | Software glitch                                                             | Perform a power cycle (unplug and replug); use the reset pin to factory reset if necessary (refer to app for reset procedure). |

## 7. SPECIFICATIONS

| Feature                         | Specification                                              |
|---------------------------------|------------------------------------------------------------|
| Brand                           | ASHATA                                                     |
| Model                           | E27 Light Bulb Security Camera                             |
| Connectivity Protocol           | Wi-Fi (2.4GHz)                                             |
| Controller Type                 | Android, iOS (Smartphone)                                  |
| Mounting Type                   | Ceiling Mount (E27 Socket)                                 |
| Video Capture Resolution        | 1080P (2MP HD)                                             |
| Frame Rate                      | 30 fps                                                     |
| Video Capture Format            | MPEG-4 (Smart H.264 Encoding)                              |
| Pan/Tilt Range                  | 355 degrees (horizontal), 90 degrees (vertical)            |
| Night Vision                    | Infrared, Black Light Full Color                           |
| Alert Type                      | Audio and Motion (AI Humanoid Detection)                   |
| Storage                         | MicroSD Card (up to 128GB, not included), Cloud Storage    |
| Power Source                    | Corded Electric (via E27 socket)                           |
| Voltage                         | 240 Volts (Please verify compatibility with local voltage) |
| Material                        | Acrylonitrile Butadiene Styrene (ABS)                      |
| International Protection Rating | IP65                                                       |
| Item Weight                     | 9.9 ounces                                                 |
| Package Dimensions              | 7.87 x 4.33 x 3.94 inches                                  |

## 8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your purchase or contact ASHATA customer service through the official website or your retailer.

Please retain your proof of purchase for warranty claims.