

HUNTVISION A5M10

HUNTVISION 5MP Smart Light Bulb Camera User Manual

Model: A5M10

1. INTRODUCTION

Thank you for choosing the HUNTVISION 5MP Smart Light Bulb Camera. This device integrates a high-definition security camera into a standard light bulb socket, offering convenient installation and comprehensive surveillance capabilities. It features 5MP HD clarity, smart night vision, two-way audio, and advanced AI algorithms for enhanced security monitoring.

This manual provides detailed instructions for setting up, operating, and maintaining your camera to ensure optimal performance and security for your home or office.

A5M100 Outdoor 5MP FHD WI-FI Lighting dual-purpose Camera



Image: The HUNTVISION Smart Light Bulb Camera, designed for versatile use in various environments including residential and commercial settings.

2. SAFETY INFORMATION

- Ensure the power is off before installing or removing the camera from the light bulb socket.
- This device is designed for indoor and outdoor use. Ensure proper weather protection if used outdoors.
- Do not expose the camera to extreme temperatures, humidity, or direct water immersion.
- Use only standard E27/E26 light bulb sockets for installation.
- Keep the camera out of reach of children and pets.
- Do not attempt to disassemble or repair the camera yourself. Contact customer support for assistance.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- HUNTVISION 5MP Smart Light Bulb Camera (Model: A5M10)
- Mounting Stand (if applicable)
- Mounting Screws (if applicable)

- Instruction Manual (this document)

4. SETUP GUIDE

4.1. Physical Installation

1. Locate a standard E27/E26 light bulb socket where you wish to install the camera.
2. Ensure the power to the socket is turned off at the circuit breaker before proceeding.
3. Carefully screw the HUNTVISION Smart Light Bulb Camera into the socket until it is securely fastened. Do not overtighten.
4. Turn on the power to the socket. The camera will power on and initiate its startup sequence.

4.2. App Download and Account Creation

1. Download the "IVY IoT" application from your smartphone's app store (App Store for iOS or Google Play Store for Android).
2. Open the IVY IoT app and follow the on-screen instructions to create a new account or log in if you already have one.

4.3. Connecting the Camera to Wi-Fi

The camera supports various network connection methods:

- **QR Code Scanning:** In the IVY IoT app, select "Add Device" and choose the QR code scanning option. Position your phone's screen with the generated QR code in front of the camera lens until you hear a confirmation sound.
- **Bluetooth Pairing:** Some models support Bluetooth for initial setup. Follow the app's prompts to pair via Bluetooth.
- **Sound Wave Pairing:** The app can generate a sound wave to transmit Wi-Fi credentials. Ensure your phone's volume is up and place it near the camera.
- **LAN Connection:** For wired setup, connect an Ethernet cable to the camera's LAN port (if available) and your router.

Follow the specific instructions within the IVY IoT app for your chosen connection method. Ensure your Wi-Fi network is 2.4GHz, as 5GHz networks may not be supported by the camera for initial setup.



Image: The camera and its accompanying mobile application, illustrating the Wi-Fi connection process.

5. OPERATING INSTRUCTIONS

5.1. Live Streaming and Recording

Once connected, open the IVY IoT app and select your camera from the device list to view the live feed. You can:

- **View Live Feed:** Access real-time video from your camera.
- **Record Video:** Manually start and stop video recording.
- **Take Snapshots:** Capture still images from the live feed.
- **Playback:** Access recorded footage from cloud storage or a local TF card.

5.2. Remote Control (Pan/Tilt & Digital Zoom)

The camera features a 355° horizontal pan and 85° vertical tilt, allowing you to adjust the viewing angle remotely through the app. It also supports 6X digital zoom for closer inspection of details.



Image: Demonstrating the camera's remote pan, tilt, and digital zoom capabilities for comprehensive area coverage.

5.3. Smart Night Vision Modes

The camera offers multiple night vision options for clear monitoring in low-light conditions:

- **Full-Color Night Vision:** Utilizes ambient light or the camera's built-in light to provide color images at night.
- **Infrared Night Vision:** Uses infrared LEDs for clear black-and-white images in complete darkness.
- **Custom Night Vision:** Allows you to configure specific settings based on your preferences.

The camera can automatically switch between modes based on lighting conditions.

5PM

Night Vision

Clear visibility of the area to be monitored at night.



Image: Illustrating the difference between color and traditional infrared night vision capabilities.

5.4. Two-Way Audio

The built-in microphone and speaker enable two-way communication. You can listen to the environment around the camera and speak through the camera using the IVY IoT app. This feature is useful for communicating with visitors or deterring intruders.

Two-way Audio



Image: Demonstrating the two-way audio feature for communication.

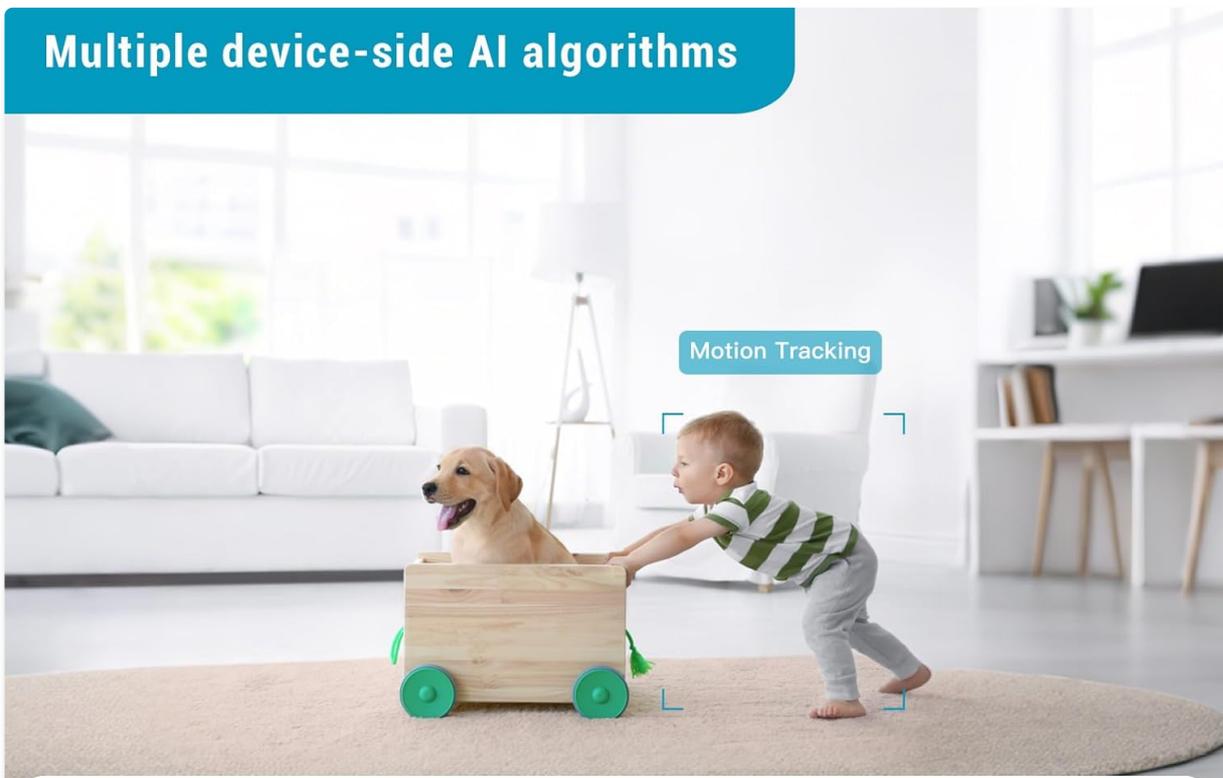
5.5. AI Smart Algorithms

The camera is equipped with advanced AI algorithms to provide intelligent alerts and monitoring:

- **Human Detection:** Identifies human shapes, reducing false alarms from pets or inanimate objects.
- **Motion Detection:** Triggers recording and alerts upon detecting any movement.
- **Flame Recognition:** Detects the presence of flames and sends immediate alerts.
- **Personality Tracking:** Follows detected human movement within the camera's field of view.
- **Cry Detection:** Alerts you to the sound of crying, useful for baby monitoring.

Configure these settings within the IVY IoT app to receive real-time push notifications and alert messages.

Multiple device-side AI algorithms



Message from 'Huntvision'

The APP will push a message when the AI detects the following events



Image: Overview of the camera's multiple device-side AI algorithms for intelligent monitoring.

5.6. Cloud Storage & Multi-User Sharing

- **Storage Options:** Supports both local TF (microSD) card storage (card not included) and cloud storage subscriptions for recorded footage.
- **Playback:** Easily review recorded events from either storage option through the app.
- **Multi-User Sharing:** Share access to your camera with up to 10 authorized users, allowing family members or colleagues to view the live feed and receive alerts.

6. MAINTENANCE

- **Cleaning:** Gently wipe the camera lens and body with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Firmware Updates:** Regularly check the IVY IoT app for available firmware updates. Keeping your camera's firmware updated ensures optimal performance, new features, and security enhancements.
- **Storage Management:** If using a TF card, periodically check its status and consider formatting it through the app to maintain performance. Manage cloud storage settings as needed.

7. TROUBLESHOOTING

Problem	Possible Cause / Solution
Camera not powering on.	<ul style="list-style-type: none"> • Ensure the light bulb socket has power. • Check if the camera is screwed in securely. • Try a different light bulb socket.
Unable to connect to Wi-Fi.	<ul style="list-style-type: none"> • Ensure your Wi-Fi network is 2.4GHz. • Check Wi-Fi password accuracy. • Move the camera closer to the Wi-Fi router. • Restart your router and the camera.
Poor video quality or lag.	<ul style="list-style-type: none"> • Check your internet connection speed. • Reduce the video resolution setting in the app. • Ensure strong Wi-Fi signal strength at the camera's location.
Motion detection alerts are too frequent/infrequent.	<ul style="list-style-type: none"> • Adjust the motion detection sensitivity in the app settings. • Set up activity zones to monitor specific areas.

8. SPECIFICATIONS

Feature	Detail
Brand	HUNTVISION
Model Name	A5M10
Video Capture Resolution	1920p (5MP HD)
Connectivity Technology	Wireless (Wi-Fi)
Connectivity Protocol	Wi-Fi
Power Source	Corded Electric (Light Bulb Socket)
Controller Type	IVY IoT App
Mounting Type	Ceiling Mount (via light socket)
Item Dimensions (L x W x H)	7.87 x 2.83 x 2.95 inches
Item Weight	10.4 ounces
Indoor/Outdoor Usage	Outdoor, Indoor

Feature	Detail
Recommended Uses	Baby Monitoring, Pet Monitoring, Indoor Security, Outdoor Security
Included Components	Stand, Mounting Screw, Instruction Manual

9. CUSTOMER SUPPORT

For technical support, warranty information, or any inquiries regarding your HUNTVISION Smart Light Bulb Camera, please contact our customer service team. Refer to the product packaging or the official HUNTVISION website for the most up-to-date contact information.

We are committed to providing you with the best possible experience.