

ASECAM AC-4-500

ASECAM 5MP Wireless Security Camera System

MODEL: AC-4-500 USER MANUAL

1. Introduction

This manual provides essential instructions for the installation, operation, and maintenance of your ASECAM 5MP Wireless Security Camera System. Please read this manual thoroughly before using the product to ensure proper functionality and safety.

2. Package Contents

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

- 1 x 4-Channel Wireless NVR with 500GB HDD (pre-installed)
- 1 x 12V/2A Power Adapter for NVR
- 1 x Ethernet Cable (1.5m)
- 1 x HDMI Cable (1.5m)
- 1 x USB Mouse
- 1 x User Manual (this document)
- 4 x 12V/1A Power Adapters for Cameras
- 4 x 5MP WiFi Security Cameras (with mounting brackets and screws)
- 2 x 24-Hour Surveillance Warning Stickers



Image: All components included in the ASECAM 5MP Wireless Security Camera System package.

Your browser does not support the video tag.

Video: Unboxing and connection guide for a similar security camera system. The general setup process is applicable.

3. Setup Guide (Plug & Play)

The ASECAM 5MP Wireless Security Camera System is designed for quick and easy setup. Follow these steps for initial configuration:

1. **Connect the NVR:**

- Connect the NVR to a monitor using the provided HDMI cable.
- Connect the NVR to your router using the provided Ethernet cable for internet access.
- Connect the USB mouse to the NVR's USB port.
- Plug in the 12V/2A power adapter to the NVR and an electrical outlet.

2. Power the Cameras:

- Connect each 5MP WiFi camera to its respective 12V/1A power adapter.
- Plug the camera power adapters into electrical outlets.

3. **Automatic Pairing:** The cameras are pre-paired with the NVR from the factory. Once both the NVR and cameras are powered on, the cameras should automatically connect to the NVR and display video on the connected monitor within minutes.

4. **Initial Configuration:** Follow the on-screen prompts on your monitor to set up the NVR, including language, date/time, and password.



Image: Stable power supply and WiFi connection for continuous recording.

4. Operating Instructions

Your ASECAM security system offers a range of features for comprehensive surveillance.

4.1 Remote Access and Management

Access your security cameras from anywhere using the mobile app (iOS/Android) or PC software. View up to 4 cameras simultaneously, play back NVR or cloud recordings, and receive instant notifications.

4.2 Smart Motion and Human Detection

The system integrates advanced motion detection with human detection capabilities. Customize surveillance zones and adjust sensitivity to minimize false alarms. Receive push notifications or email alerts when motion is detected.



Image: Motion and human detection features, including light activation, alerts, and app push notifications.

4.3 Two-Way Audio

Each camera features built-in two-way audio with noise cancellation, allowing you to communicate with visitors or deter intruders remotely through the mobile app.



Image: Two-way audio functionality for remote communication.

4.4 Intelligent Color Night Vision

Experience clear surveillance even in complete darkness. The system combines 4 infrared LEDs with intelligent dual illuminators, providing full-color night vision when motion is detected and traditional IR night vision otherwise, with a range of up to 50 meters.



Image: Three night vision modes, including intelligent color night vision.

4.5 Efficient Video Compression

The system utilizes H.265+ video encoding, which optimizes storage on the included 500GB hard drive, allowing for approximately 30% longer recordings compared to conventional formats.



Image: H.265 video compression for efficient storage.

4.6 Wireless Transmission Range

The cameras offer a wireless transmission range of up to 50 meters in open, unobstructed environments. Signal strength may vary based on obstacles like walls.



Image: Wireless transmission range illustration.

4.7 Smart Home Integration

The system is compatible with Alexa, allowing for integration with existing smart home setups.

5. Maintenance

Proper maintenance ensures the longevity and optimal performance of your security system.

5.1 Weather Resistance

Each outdoor security camera is IP67 certified, providing protection against dust, rain, and extreme temperatures (-20°C to 60°C). The anti-shock casing and premium materials ensure reliable operation in various outdoor environments.



Image: IP67 weather resistance for outdoor cameras.

Your browser does not support the video tag.

Video: Demonstration of how to use a waterproof cover for camera connections.

5.2 Cleaning

Regularly clean the camera lenses and housing with a soft, damp cloth. Avoid using harsh chemicals or abrasive materials that could damage the surfaces.

5.3 Firmware Updates

Periodically check for firmware updates through the mobile app or PC software. Keeping your system updated ensures optimal performance, security, and access to new features.

6. Troubleshooting

If you encounter issues with your ASECAM security system, refer to the following common problems and solutions:

- **No Video Display:**

- Ensure the NVR and all cameras are properly powered on.
- Check all cable connections (HDMI, Ethernet, power) for the NVR and cameras.
- Verify the monitor input source is correctly selected.

- **Cameras Not Connecting:**

- Confirm cameras are within the NVR's wireless range.

- Ensure there are no significant obstructions (thick walls, metal structures) between cameras and the NVR.
- If issues persist, try re-pairing the cameras with the NVR (refer to the full user manual for detailed pairing instructions).

• **No Recording:**

- Check if the 500GB HDD is properly installed and recognized by the NVR.
- Verify recording schedules and motion detection settings in the NVR menu.
- Ensure the HDD is not full; configure overwrite settings if needed.

• **False Motion Alerts:**

- Adjust the motion detection sensitivity in the NVR settings.
- Define specific motion detection zones to exclude areas with frequent irrelevant movement (e.g., trees swaying).

• **Poor Image Quality:**

- Clean the camera lens.
- Ensure adequate lighting for optimal image capture, especially at night.
- Check for strong interference sources if wireless signal is weak.

For further assistance, please contact ASECAM customer support.

7. Specifications

Feature	Specification
Manufacturer	ASECAM
Model Number	AC-4-500
Video Capture Resolution	5MP (2560x1440)
Connectivity Technology	Wireless (WiFi)
Number of Channels	4
NVR Storage	500GB HDD (pre-installed)
Power Source	Corded Electric
Special Features	5MP Cameras, Privacy Masking, Audio Recording, Night Vision (Color & IR), Two-Way Audio, Motion Detection, IP67 Weatherproof, Alexa Compatible
Operating Temperature	-20°C to 60°C
Product Dimensions	31.98 x 28.98 x 19 cm
Item Weight	4.4 Kilograms

8. Warranty and Support

For warranty information, please refer to your purchase documentation or contact the retailer. ASECAM offers a 30-day free return policy. Extended protection plans may be available through third-party providers like Assurant. For technical support or further inquiries, please visit the official ASECAM store on Amazon or contact their customer service channels as provided with your product documentation.

ASECAM Store: [Visit ASECAM Store](#)

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