

Axis Communications M4317-PLVE

Axis Communications M4317-PLVE User Manual

MODEL: M4317-PLVE (P/N: 02511-001)

1. Product Overview

The Axis Communications M4317-PLVE is a versatile network camera designed for enhanced surveillance capabilities in various environments. This model provides comprehensive coverage with its advanced features, focusing on high-quality video and robust security.



Figure 1: Front view of the Axis M4317-PLVE Dome Camera, showing the lens and mounting points.

Key Features:

- Complete 180 and 360 overview for wide area surveillance.
- Built-in IR with individual IR LEDs for clear night vision.
- Support for deep learning analytics to enhance detection capabilities.
- Built-in cybersecurity features to protect your network.
- Digital roll for ease of installation and adjustment.

2. Setup and Installation

This section provides instructions for the physical installation and initial setup of your M4317-PLVE camera.

2.1 Unpacking and Inspection

Carefully unpack all components and verify that all items listed in the "What's in the Box" section are present and undamaged. The package should include the security camera unit.

2.2 Mounting the Camera

The M4317-PLVE is designed for **Ceiling Mount** installation. Ensure the mounting surface is stable and can support the camera's weight (approximately 2.3 pounds).

1. Select an optimal mounting location that provides the desired field of view and is within range of your network connectivity.
2. Use the provided mounting template (if applicable) to mark drill holes on the ceiling.
3. Drill pilot holes and secure the camera base using appropriate screws and anchors.
4. Attach the camera body to the secured base, ensuring it is firmly locked in place.

2.3 Power and Network Connection

The camera supports **Wired** connectivity. While the specifications mention "Solar Powered," for typical network camera operation, Power over Ethernet (PoE) is commonly used, providing both power and data through a single Ethernet cable. Connect an Ethernet cable from your network switch or router to the camera's Ethernet port.

For **Wi-Fi** connectivity, ensure the camera is within range of your wireless network. Refer to the Axis network configuration guide for detailed wireless setup instructions.

3. Operating the Camera

Once installed and connected, the M4317-PLVE can be configured and operated via a web browser or compatible video management software (VMS).

3.1 Initial Access and Configuration

1. Discover the camera's IP address using Axis IP Utility or your network's DHCP server.
2. Open a web browser and enter the camera's IP address.
3. Log in using the default credentials (refer to Axis documentation for initial username/password, typically 'root' and a blank password or 'pass'). **It is highly recommended to change the default password immediately for security.**
4. Configure network settings, video streams, and user accounts as needed.

3.2 Video Monitoring and Recording

The camera provides high-resolution video capture, up to **8K**. You can view live feeds and manage recordings through your VMS or the camera's web interface. The video capture format is **MPEG-4**.

3.3 Motion Detection and Alerts

The M4317-PLVE supports **Motion Only** alert type. Configure motion detection zones and sensitivity settings within the camera's web interface to trigger alerts or recordings when movement is detected.

3.4 Deep Learning Analytics

Leverage the camera's deep learning analytics capabilities for advanced object classification and event detection. Consult the Axis analytics documentation for specific application setup.

4. Maintenance

Regular maintenance ensures optimal performance and longevity of your Axis M4317-PLVE camera.

4.1 Cleaning the Camera Lens and Housing

- Gently wipe the lens with a soft, clean microfiber cloth. For stubborn dirt, use a lens cleaning solution designed for optical surfaces.
- Clean the camera housing with a damp cloth. Avoid abrasive cleaners or solvents that could damage the finish.
- Ensure no dust or debris accumulates around the IR LEDs.

4.2 Firmware Updates

Periodically check the Axis Communications website for the latest firmware updates. Keeping your camera's firmware up-to-date ensures access to new features, performance improvements, and critical security patches.

5. Troubleshooting

This section addresses common issues you might encounter with your M4317-PLVE camera.

Problem	Possible Cause	Solution
No video feed	Power issue	Check power connection.
	Network connectivity issue	Verify Ethernet cable connection and network status.
	Incorrect IP address	Confirm camera IP address and network settings.
Poor image quality	Dirty lens	Clean the lens.
	Low light conditions	Ensure IR is enabled for low light.
	Incorrect focus/zoom	Adjust focus and zoom settings via the web interface.
Motion detection not working	Incorrect sensitivity	Adjust motion detection sensitivity.
	Detection zones not configured	Define or review motion detection zones in the camera settings.

6. Specifications

Detailed technical specifications for the Axis M4317-PLVE camera.

Model Name	AXIS M4317-PLVE
Item Model Number	02511-001
Brand	Axis Communications
Indoor/Outdoor Usage	Indoor
Mounting Type	Ceiling Mount
Connectivity Technology	Wired, Wi-Fi
Video Capture Resolution	8K
Video Capture Format	MPEG-4
Alert Type	Motion Only
Product Dimensions (L x W x H)	6.9 x 6.5 x 3.9 inches
Item Weight	2.3 Pounds

International Protection Rating	IP54
Included Components	Security Cameras
Power Source	Solar Powered (Note: Typically PoE for network cameras)
Wattage	3.7 watts



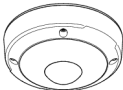

7. Warranty and Support

For detailed warranty information, please refer to the official Axis Communications website or the documentation provided with your purchase. Axis Communications typically offers a limited warranty on its products.

For technical support, product registration, or to download the latest software and firmware, please visit the official Axis Communications support portal. You can also contact their customer service for assistance with specific issues.

Note: This manual provides general guidance. Always refer to the latest official documentation from Axis Communications for the most accurate and up-to-date information.

Related Documents - M4317-PLVE

<div> AXIS P37-PLVE Panoramic Camera AXIS P3747-PLVE Panoramic Camera AXIS P3748-PLVE Panoramic Camera <small>User manual</small></div>	<p>AXIS P37-PLVE Panoramic Camera User Manual</p> <p>User manual for the AXIS P37-PLVE Panoramic Camera, providing detailed instructions on installation, configuration, image adjustment, and troubleshooting.</p>
<div> AXIS M3057-PLVE Mk II Network Camera  <small>Installation Guide</small></div>	<p>AXIS M3057-PLVE Mk II Network Camera Installation Guide</p> <p>Comprehensive installation guide for the AXIS M3057-PLVE Mk II Network Camera, detailing setup procedures, safety precautions, regulatory compliance, and support resources.</p>
<div> AXIS M43 Panoramic Camera Series AXIS M4327-P Panoramic Camera AXIS M4328-P Panoramic Camera <small>Installation guide</small></div>	<p>AXIS M43 Panoramic Camera Series Installation Guide</p> <p>This installation guide provides essential information for setting up the AXIS M43 Panoramic Camera Series, including models AXIS M4327-P and AXIS M4328-P. It covers installation procedures, safety, and regulatory compliance.</p>

