## Axis Communications M3125-LVE

# Axis M3125-LVE Network Surveillance System User Manual

Model: M3125-LVE | Item Number: 02916-001

## INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Axis M3125-LVE Network Surveillance System. The Axis M3125-LVE is a robust, outdoor-ready, vandal-proof, and weather-resistant PTZ turret camera designed for high-quality network surveillance. It features 2 MP resolution (1920 x 1080, 1080p), M12 connection, fixed iris diaphragm, audio capabilities, and supports MJPEG, H.264, and H.265 video compression.

**Figure 1:** Front view of the Axis M3125-LVE Network Surveillance Camera. This image displays the white dome-shaped camera housing with the black lens assembly visible at the bottom. The Axis Communications logo is prominently displayed on the front of the camera body.

## SAFETY INFORMATION

Please read all safety instructions before installing or operating the device. Failure to follow these instructions may result in injury or damage to the product.

- Installation must be performed by qualified personnel in accordance with all local codes and regulations.
- Ensure the power source meets the camera's requirements to prevent electrical hazards.

- Do not expose the camera to extreme temperatures outside its specified operating range.
- Avoid direct exposure to strong sunlight for extended periods, which may affect image quality or camera lifespan.
- Use only approved accessories and mounting hardware.

## PACKAGE CONTENTS

Verify that all items are present in the package:

- Axis M3125-LVE Network Surveillance Camera
- Installation Guide
- Mounting Accessories

## SETUP

### 1. Physical Installation

The Axis M3125-LVE is designed for outdoor ceiling mount installations. Its vandal-proof and weather-resistant design ensures durability in various environmental conditions.

1. **Select Mounting Location:** Choose a suitable ceiling location that provides the desired field of view and is within reach of network cabling. Ensure the mounting surface can support the camera's weight.
2. **Prepare Mounting Surface:** Drill pilot holes according to the mounting template provided in the installation guide.
3. **Secure the Camera:** Attach the camera base securely to the ceiling using the supplied mounting screws and hardware.
4. **Connect Network Cable:** Connect an Ethernet cable to the camera's M12 connection port. Ensure a secure and weather-sealed connection for outdoor use.
5. **Power On:** Connect the camera to a Power over Ethernet (PoE) switch or injector. The camera will power on automatically.

### 2. Initial Network Configuration

After physical installation and power-up, configure the camera for network access.

1. **Discover Camera:** Use the Axis IP Utility or Axis Device Manager software to discover the camera on your network.
2. **Assign IP Address:** Configure a static IP address or ensure the camera obtains an IP address via DHCP.
3. **Access Web Interface:** Open a web browser and enter the camera's IP address to access its web interface.
4. **Set Administrator Password:** Follow the on-screen prompts to set a strong administrator password for security.
5. **Adjust Camera View:** Log in to the web interface and adjust the camera's pan, tilt, and zoom (PTZ) settings to achieve the desired coverage.

## OPERATING INSTRUCTIONS

### Live View and Recording

Access the camera's live view through its web interface or a compatible Video Management Software (VMS).

- **Live Stream:** The web interface provides a real-time video feed.
- **Recording:** Configure recording settings within the web interface or VMS. Options include continuous recording, event-triggered recording (e.g., motion detection), and scheduled recording.
- **Audio:** The camera supports audio input. Configure audio settings for recording or live listening if an external

microphone is connected or if the camera has a built-in microphone.

## Video Compression

The Axis M3125-LVE supports multiple video compression formats:

- **H.264 (MPEG-4 Part 10/AVC):** Efficient compression for high-quality video with reduced bandwidth and storage requirements.
- **H.265 (HEVC):** Even more efficient than H.264, offering further reductions in bandwidth and storage while maintaining video quality.
- **MJPEG:** Provides individual JPEG images, suitable for applications requiring high image quality per frame or specific compatibility.

Select the appropriate compression format based on your network capacity and storage needs.

## Day and Night Functionality

The camera automatically switches between day (color) and night (monochrome with IR illumination) modes based on ambient light conditions, ensuring continuous surveillance.

## MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your surveillance system.

- **Cleaning:** Periodically clean the camera lens and housing with a soft, damp cloth. Avoid abrasive cleaners or solvents. For outdoor units, ensure no debris obstructs the view or ventilation.
- **Firmware Updates:** Regularly check the Axis Communications website for firmware updates. Keeping the firmware updated ensures access to the latest features, security patches, and performance improvements.
- **Environmental Check:** For outdoor installations, periodically inspect the camera for any signs of wear, damage, or compromised weather sealing. Ensure cables are securely connected and protected.

## TROUBLESHOOTING

This section addresses common issues you might encounter.

- **No Power/No Image:**

  - Verify the Ethernet cable is securely connected and the PoE source is active.
  - Check the PoE switch or injector for power indicators.

- **Cannot Access Web Interface:**

  - Ensure the camera is powered on and connected to the network.
  - Verify the camera's IP address and that your computer is on the same network segment.
  - Temporarily disable any firewall on your computer to rule out blocking issues.
  - Try using the Axis IP Utility to rediscover the camera.

- **Poor Image Quality:**

  - Clean the camera lens.
  - Check network bandwidth; insufficient bandwidth can lead to choppy or low-quality video.
  - Adjust image settings (brightness, contrast, sharpness) in the web interface.
  - Ensure the camera is not pointing directly into strong light sources.

- **Recording Issues:**

  - Verify storage location (SD card, NAS, VMS) is properly configured and has sufficient space.

  - Check recording schedules and event triggers.

  - Ensure network connectivity to the recording destination is stable.

## SPECIFICATIONS

| Feature | Detail |
|---|---|
| Model Name | AXIS M3125-LVE |
| Item Model Number | 02916-001 |
| Camera Type | Network Surveillance Camera - PTZ - Turret |
| Usage Environment | Outdoor, Vandal proof / Weather resistant |
| Color Mode | Color (day & night) |
| Resolution | 2 MP (1920 x 1080), 1080p |
| Connection Type | M12 connection |
| Lens Type | Fixed iris diaphragm |
| Audio Support | Yes |
| Network Interface | LAN 10/100 |
| Video Compression | MJPEG, H.264, H.265 |
| Compliance | TAA Compliant |
| Mounting Type | Ceiling Mount |
| Item Weight | 1.1 Kilograms (2.42 pounds) |
| Color | White |

## WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your product or visit the official Axis Communications website. Technical support is available through Axis Communications' official support channels. For new products purchased from a specialist retailer, an invoice including VAT is typically provided, which serves as proof of purchase for warranty claims.

**Legal Disclaimer:** New product from specialist retailer, invoice incl. VAT, shipping to packing station possible.

## Related Documents - M3125-LVE

| | |
|---|---|
| AXIS TP3201-E Recessed Mount — Installation Guide | **AXIS TP3201-E Recessed Mount Installation Guide**<br>This guide provides instructions for installing the AXIS TP3201-E Recessed Mount, including safety information, legal considerations, and step-by-step assembly procedures for compatible AXIS camera models. |
| AXIS P3265-LVE Dome Camera — Installation Guide | **AXIS P3265-LVE Dome Camera Installation Guide**<br>This guide provides detailed instructions for the installation of the AXIS P3265-LVE Dome Camera, covering safety information, legal considerations, and step-by-step assembly. |
| Product comparison tables — Network video, audio, access control, and intercoms | **Axis Product Comparison Tables Q3 2025: Network Video, Audio, Access Control, and Intercoms**<br>This comprehensive Q3 2025 product comparison tables document from Axis Communications details specifications and features for their network video, audio, access control, and intercom solutions. |
| AXIS M43 Panoramic Camera Series — AXIS M4327-P Panoramic Camera — AXIS M4328-P Panoramic Camera — Installation guide | **AXIS M43 Panoramic Camera Series Installation Guide**<br>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. |
| AXIS Camera Station Feature Guide — User Manual | **AXIS Camera Station Feature Guide: Comprehensive Overview of Video Management Software**<br>Explore the features and functionalities of AXIS Camera Station, a powerful video management software for surveillance and access control. Learn about live view, recording, audio, user management, and integration capabilities. |
| Série de Câmeras de Rede AXIS Q16 — AXIS Q1645 Network Camera — AXIS Q1647 Network Camera — Manual do Usuário | **Manual do Usuário Câmeras de Rede AXIS Q1645 e Q1647**<br>Guia completo para instalar, configurar e usar câmeras de rede AXIS Q16, AXIS Q1645 e AXIS Q1647. Aprenda sobre interface web, ajustes de imagem, streaming e solução de problemas. |