

Axis Communications 02832-001

Axis M30 Series M3086-V Network Surveillance Camera User Manual

Model: 02832-001

1. INTRODUCTION

This user manual provides comprehensive instructions for the installation, operation, and maintenance of the Axis M30 Series M3086-V Network Surveillance Camera. Designed for robust surveillance, this dome camera offers high-quality video capture and reliable performance in various environments. Please read this manual thoroughly before using the product to ensure proper setup and safe operation.

2. SAFETY INFORMATION

Adherence to the following safety guidelines is crucial for preventing damage to the product and ensuring user safety:

- **Power Supply:** Use only the power supply specified for this device. Incorrect voltage can cause damage or fire.
- **Installation Environment:** Install the camera in a location that complies with local electrical codes and safety regulations. Ensure the mounting surface is strong enough to support the camera's weight.
- **Water and Moisture:** Although the camera is water-resistant, avoid submerging it in water or exposing it to excessive moisture beyond its IP rating.
- **Temperature:** Operate the camera within the specified temperature range. Extreme temperatures can affect performance and lifespan.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.
- **Cables:** Ensure all cables are properly secured and protected from damage.

3. PACKAGE CONTENTS

Upon opening the package, verify that all components are present and undamaged. The standard package for the Axis M30 Series M3086-V typically includes:

- Axis M30 Series M3086-V Network Surveillance Camera
- Installation Guide / Documentation
- Mounting Hardware (screws, anchors, etc.)
- Drill Template (if applicable)



Figure 3.1: Front view of the Axis M30 Series M3086-V Network Surveillance Camera, showcasing its dome design and the Axis Communications logo.

4. PRODUCT FEATURES

The Axis M30 Series M3086-V is a high-performance network surveillance camera designed for reliable monitoring. Key features include:

- **High Resolution:** Captures video at 4 MP (2688 x 1512) for clear and detailed images.
- **Dome Design:** Compact and discreet dome form factor.
- **Durability:** Vandal-proof, shock-resistant, dust-resistant, and water-resistant for outdoor and challenging indoor environments.
- **Day & Night Functionality:** Provides color video during the day and switches to black and white in low-light conditions.
- **Fixed Lens:** Features a fixed iris diaphragm and fixed focal length for consistent field of view.
- **Audio Capability:** Equipped with a microphone for audio monitoring.
- **Network Connectivity:** Connects via LAN 10/100 Ethernet.
- **Video Compression:** Supports MJPEG and H.264 video compression formats.



Figure 4.1: Side profile of the Axis M30 Series M3086-V camera, highlighting its compact and robust casing.

5. SETUP

Follow these steps for the initial setup of your Axis M30 Series M3086-V camera:

1. **Planning the Installation:** Choose a suitable location for the camera, considering the desired field of view, lighting conditions, and network cable access. The camera is designed for ceiling mount installation.
2. **Mounting the Camera:**
 - Use the provided drill template to mark the drilling holes on the ceiling.
 - Drill the necessary holes and insert wall anchors if required.
 - Secure the camera base to the mounting surface using the provided screws.
3. **Connecting Network and Power:**
 - Connect an Ethernet cable from your network switch or router to the camera's LAN port. This camera supports Power over Ethernet (PoE), simplifying installation by providing both power and data over a single cable.
 - If PoE is not available, connect a compatible power adapter (sold separately) to the camera's power input.

4. Initial Network Configuration:

- Once powered on, the camera will obtain an IP address via DHCP (if available on your network).
- Use the Axis IP Utility or a network scanner to discover the camera's IP address on your network.
- Open a web browser and enter the camera's IP address to access its web interface.

5. Setting Up Administrator Account:

- Upon first access, you will be prompted to set a strong password for the administrator account. This is a critical security step.



Figure 5.1: Top-down view of the Axis M30 Series M3086-V camera, showing the central lens and surrounding casing.

6. OPERATING THE CAMERA

After successful setup, you can begin operating your surveillance camera:

- **Accessing the Web Interface:** Log in to the camera's web interface using the IP address and credentials you set during setup.
- **Live View:** The main page typically displays a live video feed from the camera.

- **Video Settings:** Navigate to the "Video" or "Image" settings to adjust resolution, frame rate, compression, brightness, contrast, and other image parameters.
- **Audio Settings:** Adjust microphone sensitivity and audio output settings (if applicable).
- **Recording and Storage:** Configure recording schedules, motion detection, and storage locations (e.g., network-attached storage, local SD card if supported).
- **Event Management:** Set up event triggers (e.g., motion detection, tampering alarm) and corresponding actions (e.g., send email, upload video).
- **User Management:** Create and manage additional user accounts with different access levels.



Figure 6.1: Angled side view of the Axis M30 Series M3086-V camera, showing its robust construction and the Axis logo.

7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your camera:

- **Cleaning:** Gently wipe the camera lens and housing with a soft, damp cloth. Avoid abrasive cleaners or solvents. Ensure the camera is powered off before cleaning.
- **Firmware Updates:** Periodically check the Axis Communications website for firmware updates. Keeping the firmware up-to-date ensures access to the latest features, security patches, and performance improvements.

- **Network Security:** Regularly review and update your network security settings, including strong passwords for the camera and network devices.
- **Environmental Checks:** Inspect the camera's mounting and cabling periodically for any signs of wear, damage, or environmental impact.

8. TROUBLESHOOTING

This section addresses common issues you might encounter:

| Problem | Possible Cause | Solution |
|----------------------------------|---|---|
| No power to camera | Power cable disconnected; PoE not active; faulty power supply. | Check power connections. Verify PoE switch/injector is active. Test with a known good power supply. |
| Cannot access camera via network | Incorrect IP address; network cable issue; firewall blocking access; camera not powered on. | Verify IP address. Check network cable. Disable firewall temporarily. Ensure camera is powered. |
| Poor image quality | Dirty lens; incorrect focus (if adjustable); low light; improper video settings. | Clean the lens. Adjust video settings (brightness, contrast, exposure). Ensure adequate lighting. |
| Audio not working | Microphone disabled; sensitivity too low; audio output device issue. | Check audio settings in the web interface. Increase microphone sensitivity. Verify audio playback device. |

9. SPECIFICATIONS

Detailed technical specifications for the Axis M30 Series M3086-V Network Surveillance Camera:

| Feature | Detail |
|-----------------------|-----------------------------|
| Model Name | AXIS M30 Series M3086-V Mic |
| Part Number | 02832-001 |
| Brand | Axis Communications |
| Resolution | 4 MP (2688 x 1512) |
| Video Capture Format | MJPEG, H.264 |
| Connectivity Protocol | Ethernet (LAN 10/100) |
| Indoor/Outdoor Usage | Outdoor |
| Mounting Type | Ceiling Mount |
| Color | White |
| Included Components | Camera/Accessories |

| Feature | Detail |
|---------------------|--------|
| Batteries Required? | No |




10. WARRANTY AND SUPPORT





For warranty information and technical support, please refer to the official Axis Communications website or contact their customer service. Keep your purchase receipt as proof of purchase for warranty claims.

Axis Communications Official Website: www.axis.com

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Related Documents - 02832-001

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|  <p>Serie de cámaras tipo domo AXIS M30 AXIS M3085-V Domo Camera AXIS M3086-V Domo Camera AXIS M3088-V Domo Camera</p> <p>Manual del usuario</p> | <p>Manual del usuario de cámaras tipo domo AXIS M30</p> <p>Guía completa para la instalación, configuración y uso de las cámaras tipo domo AXIS M30, incluyendo detalles sobre imagen, vídeo, audio, aplicaciones y ciberseguridad.</p> |
|  <p>Product comparison tables network video, audio, access control, and intercom</p> | <p>AXIS Product Comparison Tables Q3 2025: Network Video, Audio, Access Control, and Intercoms</p> <p>This Q3 2025 document from Axis Communications provides comprehensive product comparison tables for their extensive range of network video, audio, access control, and intercom solutions. It details specifications, features, and model information across various product lines, including cameras, recorders, software, and intercom systems.</p> |
|  <p>AXIS TP3201-E Recessed Mount</p> <p>Installation Guide</p> | <p>AXIS TP3201-E Recessed Mount Installation Guide</p> <p>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.</p> |

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|--|---|
| <div></div> <div>AXIS P14 and AXIS Q19 Camera Series AXIS P1445-LE Network Camera AXIS P1445-LE 20 mm Network Camera AXIS P1441-LE Bullet Camera AXIS P1440-LE Bullet Camera AXIS Q1941-LE Thermal Camera AXIS Q1942-LE Thermal Camera</div> <div>Repainting Instructions</div> | <div>AXIS P14 and AXIS Q19 Camera Series Repainting Instructions</div> <div>Detailed instructions for repainting AXIS P14 and AXIS Q19 camera series, including preparation, disassembly, masking, repainting, and reassembly.</div> |
| <div></div> <div>AXIS TU9001 Control Board</div> <div>User manual</div> | <div>AXIS TU9001 Control Board User Manual Axis Communications</div> <div>User manual for the AXIS TU9001 Control Board, detailing installation, specifications, hotkey configurations, and troubleshooting for the AXIS TU9002 Joystick and AXIS TU9003 Keypad.</div> |
| <div></div> <div>Solución de cámaras corporales de Axis Solución de cámaras corporales de Axis AXIS W800 System Controller AXIS TW1200 Mini Bullet Sensor</div> <div>Manual del usuario</div> | <div>Manual del Usuario de AXIS W800 System Controller y AXIS TW1200 Mini Bullet Sensor</div> <div>Manual del usuario detallado para la solución de cámaras corporales de Axis, cubriendo la instalación, configuración, gestión de usuarios, y solución de problemas del AXIS W800 System Controller y AXIS TW1200 Mini Bullet Sensor.</div> |