

## Axis Communications A8207-VE MkII

# AXIS A8207-VE MkII Network Video Door Station User Manual

Model: A8207-VE MkII

## 1. PRODUCT OVERVIEW

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The AXIS A8207-VE MkII Network Video Door Station is an advanced security device that integrates video surveillance, two-way communication, and access control capabilities into a single unit. Designed for entrances with frequent known and unknown visitors, it enhances overall security by providing comprehensive monitoring and management features.

Key features include:

- Full-featured 6 MP security camera with Wide Dynamic Range and Axis Zipstream.
- Integrated RFID reader with keypad for access control systems (supports HID® iClass®).
- Acoustic echo cancellation and noise reduction for clear two-way communication.
- Enhanced cybersecurity with signed firmware and Secure Boot.
- Multifunctional PIR sensor for motion detection.
- HDMI output for live streaming to a public monitor.





Figure 1: Front view of the AXIS A8207-VE MkII Network Video Door Station, showing the camera lens, speaker grille, keypad, and call button.

## 2. SETUP AND INSTALLATION

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The AXIS A8207-VE MkII requires professional hard-wired installation to ensure optimal performance and security. It is recommended that installation be performed by a qualified technician.

### 2.1. Pre-installation Checklist

- Verify all included components are present: Installation Guide, A8207-VE MkII Network Video Door Station, Terminal Block Connectors, Torx TR20 Bit, Connector Guard.

- Ensure the installation location provides adequate network connectivity and power (28 Volts, 22 watts).
- Prepare necessary tools for hard-wired installation.

## 2.2. Mounting and Wiring

Follow the detailed instructions provided in the included Installation Guide for secure mounting and proper wiring. Pay close attention to power connections and network cabling to ensure stable operation.

## 2.3. Initial Configuration

After physical installation, connect the device to your network. Access the device's web interface using its IP address to perform initial configuration, including network settings, user accounts, and integration with existing security or access control systems.

# 3. OPERATING INSTRUCTIONS

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## 3.1. Two-Way Communication

When a visitor presses the call button, the door station initiates a video call to pre-configured recipients (e.g., computer, desk phone, mobile device). Use the integrated microphone and speaker for clear two-way audio communication. The system features echo cancellation and noise reduction for improved clarity.

## 3.2. Access Control

The A8207-VE MkII supports multiple access methods:

- **RFID Reader:** Present a compatible RFID card (e.g., HID® iClass®) to the integrated reader for quick access.
- **Keypad:** Enter a pre-programmed access code using the numeric keypad.
- **Remote Access:** Grant access remotely via your connected device during a video call.

## 3.3. Video Surveillance

The integrated 6 MP camera provides high-quality video surveillance of the entrance area. Video streams can be viewed live and recorded through your network video recorder (NVR) or video management system (VMS). Advanced features like Wide Dynamic Range (WDR) ensure clear images in challenging lighting conditions.

## 3.4. PIR Sensor and Analytics

The built-in PIR sensor can detect approaching individuals, triggering events such as recording, verbal greetings, or alerts. The device also supports ACAP (AXIS Camera Application Platform) for integrating intelligent analytics, allowing for customized event triggers based on specific criteria.

# 4. MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your AXIS A8207-VE MkII.

## 4.1. Cleaning

Clean the exterior of the unit periodically with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the aluminum, glass, or polycarbonate materials. Ensure the camera lens and keypad are free from dust and smudges for clear operation.

## 4.2. Firmware Updates

Regularly check the Axis Communications website for firmware updates. Keeping the firmware updated ensures you

have the latest features, security enhancements, and bug fixes. Follow the provided instructions for safe firmware upgrade procedures.

### 4.3. System Checks

Periodically verify the functionality of all components: test two-way communication, access control methods (RFID, keypad, remote), and video streaming. Ensure network connectivity is stable.

## 5. TROUBLESHOOTING

This section provides solutions to common issues you might encounter.

| Problem                    | Possible Cause  | Solution  |
|----------------------------|---|---|
| No video feed              | Network connectivity issue, camera obstruction, power issue.            | Check network cable and connections. Ensure power supply is stable. Clean camera lens. Restart the device.          |
| No audio during calls      | Microphone/speaker settings, network latency.                           | Verify audio settings in the device's web interface. Check network quality.   |
| Access control not working | Incorrect RFID card/code, integration issue with access control system. | Ensure correct RFID card is used. Verify keypad code. Check integration settings with your access control system.   |
| Device unresponsive        | Power issue, software error.  | Check power connection. Perform a power cycle (disconnect and reconnect power). If issue persists, consult support. |

For more complex issues, refer to the comprehensive online documentation or contact Axis Communications support.

## 6. TECHNICAL SPECIFICATIONS

| Feature                | Detail                         |
|------------------------|--------------------------------|
| Manufacturer           | Axis Communications            |
| Model Number           | A8207-VE MkII                  |
| Part Number            | 02026-001                      |
| Dimensions (L x W x H) | 11.55 x 6.25 x 3.75 inches     |
| Item Weight            | 3.65 pounds                    |
| Color                  | Metallic Dark Gray             |
| Material               | Aluminum, Glass, Polycarbonate |
| Power Source           | Corded Electric                |
| Voltage                | 28 Volts                       |
| Wattage                | 22 watts                       |

| Feature             | Detail  |
|---------------------|---|
| Installation Method | Professional hard-wired   |
| Usage               | Surveillance, Gate Entrance, Access Control   |
| Included Components | Installation Guide, A8207-VE MkII Network Video Door Station, Terminal Block Connectors, Torx TR20 Bit, Connector Guard |




## 7. WARRANTY INFORMATION

The AXIS A8207-VE MkII Network Video Door Station comes with a **5-year Manufacturer Warranty**. Please retain your proof of purchase for warranty claims. For detailed terms and conditions, refer to the official Axis Communications warranty policy or contact their customer support.

## 8. CUSTOMER SUPPORT

For technical assistance, product inquiries, or warranty support, please contact Axis Communications directly. Visit their official website for the most up-to-date contact information, support resources, and frequently asked questions. *Note:* Always refer to the latest documentation available on the manufacturer's website for the most accurate and current information.

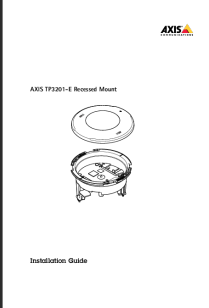
### Related Documents - A8207-VE MkII

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|---|---|
|  | <p><a href="#">AXIS Product Comparison Tables Q3 2025: Network Video, Audio, Access Control, and Intercoms</a></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><a href="#">AXIS Product Comparison Tables Q3 2025</a></p> <p>Comprehensive comparison tables for AXIS network video, audio, access control, and intercom products, covering specifications, features, and technologies for Q3 2025.</p>   |
|  | <p><a href="#">Troubleshooting Guide for Streaming Issues - Axis Communications</a></p> <p>A comprehensive guide from Axis Communications to help users troubleshoot common video streaming issues, including problems with stream retrieval, viewer limits, lagging video, choppy motion, and bandwidth usage. Provides solutions and best practices.</p>  |



[Axis Product Comparison Tables Q3 2025: Network Video, Audio, Access Control, and Intercoms](#)

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 TP3201-E Recessed Mount Installation Guide](#)

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 Camera Station Feature Guide: Comprehensive Overview of Video Management Software](#)

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.