

AXIS A8207-VE Network Video Door Station

Multifaceted door station for better security solutions

AXIS A8207-VE Network Video Door Station combines a fully featured 6 MP security camera with high-quality, two-way audio communication and remote entry control. It also has an integrated RFID access control reader. By providing both surveillance, visitor management, and employee accessibility, AXIS A8207-VE increases the efficiency while keeping down the number of devices at the door. Analytics, such as motion or sound-based detection, is supported. Based on open standards and with several hardware interfaces, AXIS A8207-VE easily integrates with other systems and solutions and is prepared for future needs. Interaction is intuitive and accessible, with an induction loop for hearing aid.

- > **6MP wide-angle camera**
- > **High-quality audio with noise/echo cancellation**
- > **Multiple hardware interfaces: audio input/output, relays, HDMI output, RS485**
- > **Easy integration with SIP, VAPIX, and ONVIF**
- > **Analytics support**



SIP

ONVIF[®] | GS

HDTV
NETWORK VIDEO

AXIS A8207-VE Network Video Door Station

Camera		System integration	
Image sensor	1/2.9" progressive scan RGB CMOS	Application Programming Interface	Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at axis.com AXIS Guardian with One-Click Connection ONVIF® Profile S and ONVIF® Profile G, specification at onvif.org
Lens	1.56 mm, F2.8 Horizontal field of view: 180° Vertical field of view: 120° Fixed focus, IR corrected, fixed iris	VoIP	Support for Session Initiation Protocol (SIP) for integration with Voice over IP (VoIP) systems, peer to peer or integrated with SIP/PBX Tested with various SIP software such as Cisco, Bria and Grandstream Tested with various PBX softwares such as Cisco, Avaya and Asterisk Phone book, parallel call forking, sequential call forking, call extension dialing
Minimum illumination	LED lit: 0.0 lux LED unlit (with WDR): 0.7 lux LED unlit (without WDR): 0.55 lux	Analytics	Included AXIS Video Motion Detection, active tampering alarm, audio detection Supported AXIS Guard Suite including AXIS Motion Guard, AXIS Fence Guard, and AXIS Loitering Guard Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap
Shutter time	1/143000 s to 2 s with 50 Hz 1/143000 s to 2 s with 60 Hz	Event triggers	Analytics, external input, edge storage events, virtual inputs through API Call: DTMF, state, state changes Detectors: audio detection, live stream accessed, shock detection, tampering, PIR, motion alarm Hardware: Casing open, temperature, relays and outputs, network Input Signal: digital input port, manual trigger, virtual inputs Storage: disruption, recording System: system ready Time: recurrence, use schedule PTZ: moving, preset reached
Video		Event actions	Axis door control HDMI Make call: SIP, API Terminate call: SIP, API Record video and audio: SD card and network share Upload of images or video clips: FTP, SFTP, HTTP, HTTPS, network share, and email Pre- and post-alarm video or image buffering for recording or upload Notification: email, HTTP, HTTPS and TCP External output activation, play audio clip, overlay text, PTZ controls, status LED, WDR mode
Video compression	H.264 (MPEG-4 Part 10/AVC) Main and High Profiles Motion JPEG	Data streaming	Event data
Resolution	3072x2048 to 160x90	General	
Frame rate	Up to 30/25 fps (60/50 Hz) in all resolutions	Casing	IP66 and NEMA 4X-rated, IK08 impact- and scratch-resistant glass Aluminum casing, polycarbonate (PC) hard-coated dome Color: metallic dark grey
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology in H.264 Controllable frame rate and bandwidth VBR/MBR H.264	Sustainability	PVC free
Image settings	Saturation, contrast, brightness, sharpness, forensic WDR: Up to 120 dB depending on scene, white balance, exposure mode, exposure zones, compression, text and image overlay, privacy masks	PIR sensor	Passive infrared (PIR) motion sensor.
Pan/Tilt/Zoom	Digital PTZ	Memory	2048 MB RAM, 512 MB Flash
Audio		Power	Power in: Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3, or Power over Ethernet Plus (PoE+) IEEE 802.3at Type 2 Class 4, or 8-28 V DC min. 25 W Power consumption: typical 8 W, max 22 W Power out: Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3: 24 V/0.05 A or 12 V/0.1 A. Power over Ethernet Plus (PoE+) IEEE 802.3at Type 2 Class 4, or 8-28 V DC: 24 V/0.3 A or 12 V/0.7 A Relay rating: 30 V, 1 A
Audio streaming	Two-way, full duplex Echo cancellation and noise reduction	Connectors	RJ45 10BASE-T/100BASE-TX, PoE I/O: 6-pin terminal block for 4 alarm inputs/outputs DC input, 2 relays, line out, line in, microHDMI, RS485/Wiegand
Audio compression	384bit LPCM, AAC-LC 8/16 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Opus 8/16 kHz Configurable bit rate	Storage	Support for microSD/microSDHC/microSDXC card Support for recording to network-attached storage (NAS)
Audio input/output	Line input, line output, dual built-in microphone (can be disabled) T-coil Built-in speaker 73 dB (at 50 cm / 19.7 in)		
Amplifier description	Built-in 2 W Class D amplifier		
RFID reader			
Entry authentication	Card, tag, PIN, door code		
Read range	30–40 mm with recommended cards and tags		
Alarm status indication	User feedback for access granted, access denied, keypad, armed, disarmed		
Supported protocols	RS485 (OSDP), Wiegand, VAPIX reader interface		
Reader technology	Generic 13.56 MHz (MIFARE Classic®, MIFARE Plus® (Level 1), MIFARE DESFire® EV1 and EV2, HID® iCLASS® (UID only)). Proximity 125 kHz (HID® Prox, iCLASS®, EM-42xx, ISOProx II).		
Accessibility			
Hearing loop	T-coil 4 W Class D amplifier		
User feedback	Illuminated symbols, indicator stripe, illuminated buttons, audible feedback		
Tampering			
Detection type	Tamper switch, accelerometer (shock detection), video tampering		
Network			
Security	Password protection, IP address filtering, signed firmware, HTTPS ^a encryption, IEEE 802.1X ^a network access control, digest authentication, user access log, centralized certificate management		
Supported protocols	IPv4/v6, HTTP, HTTPS ^a , SSL/TLS ^a , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP®, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SRTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, SIP, SIPS, LLDP, STUN, TURN		

	For SD card and NAS recommendations see axis.com
Operating conditions	-40 °C to 55 °C (-40 °F to 131 °F) Humidity 10-100% RH (condensing)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
Approvals	EMC EN 55032 Class A, EN 55024, EN 61000-6-2, FCC Part 15 Subpart B Class A and Subpart C and Subpart E Safety IEC/EN/UL 62368-1, IEC/EN/UL 60950-22, UL 293, UL 294 Environment IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-6, IEC 60068-2-78, IEC/EN 60529 IP66, IEC/EN 62262 IK08, NEMA 250 Type 4X Other EN 300330, EN 62311, RSS-Gen, RSS-210, EN 301 489-3, EN 303 348
Dimensions	H x W x D: 248 x 106 x 51 mm (9 3/4 x 4 3/16 x 2 in)
Weight	1.3 kg (2.9 lbs)

Mounting option	Wall mount, wall mount with conduit pipe, or recessed with AXIS TA8201 Recessed Mount
Included accessories	Installation guide, Torx® TR20 bit, terminal block connectors, connector guard
Optional accessories	AXIS TA8201 Recessed Mount, AXIS A9801 Security Relay, AXIS T8133 Midspan, AXIS TA8601 Conduit Adapter 3/4" NPS, AXIS TA8801 Clear Dome Cover For more accessories, see axis.com
Video management software	Video management software from Axis' Application Development Partners available at axis.com/vms
Languages	English, German, French, Spanish, Italian
Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see axis.com/warranty

- a. *This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (openssl.org), and cryptographic software written by Eric Young (eay@cryptsoft.com).*

Environmental responsibility:

axis.com/environmental-responsibility