use-IP
www.use-ip.co.uk
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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	
Image sensor	1/2.9" progressive scan RGB CMOS
Lens	1.56 mm, F2.8 Horizontal field of view: 180° Vertical field of view: 120° Fixed focus, IR corrected, fixed iris
Minimum illumination	**LED lit**: 0.0 lux **LED unlit (with WDR):** 0.7 lux **LED unlit (without WDR):** 0.55 lux
Shutter time	1/143000 s to 2 s with 50 Hz 1/143000 s to 2 s with 60 Hz
Video	
Video compression	H.264 (MPEG-4 Part 10/AVC) Main and High Profiles Motion JPEG
Resolution	3072x2048 to 160x90
Frame rate	Up to 30/25 fps (60/50 Hz) in all resolutions
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
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
Pan/Tilt/Zoom	Digital PTZ
Audio	
Audio streaming	Two-way, full duplex Echo cancellation and noise reduction
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
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 and Level 3), Mifare DESFire EV1 and EV2, HID iCLASS)[a], HID Prox ISOProx II. Proximity 125 kHz (HID proximity cards, iCLASS, EM-42xx)
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[b] encryption, IEEE 802.1X[b] network access control, digest authentication, user access log, centralized certificate management
Supported protocols	IPv4/v6, HTTP, HTTPS[b], SSL/TLS[b], 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

System integration	
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*
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
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*
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
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
Data streaming	Event data
General	
Casing	IP66 and NEMA 4X-rated, IK08 impact- and scratch-resistant glass Aluminum casing, polycarbonate (PC) hard-coated dome Color: metallic dark grey
Sustainability	PVC free
PIR sensor	Passive infrared (PIR) motion sensor.
Memory	2048 MB RAM, 512 MB Flash
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
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
Storage	Support for microSD/microSDHC/microSDXC card Support for recording to network-attached storage (NAS)

	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 **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, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see *axis.com/warranty*

a. *UID only*
b. *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:

www.axis.com/environmental-responsibility

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