PANIC BUTTON
Network Video Door Station
Reliable audiovisual entry control

The weather and vandal-resistant AXIS A8004-VE is an IP-based network video door station for two-way communication, video identification, and remote entry control.

The Panic buton is a stand alone unit. When activated, the device will transfer a signal to Security team in place (An APP is also available to alert the security crew when away from their desk, through an alarm and or a texto directly to cellular phone).

When activated, it can lit or strobe a Marker at the top of the pole.

Description:

The weather and vandal-resistant **AXIS A8004-VE** is an open, IP-based network video door station for two-way communication, video identification, and remote entry control. A perfect complement to any surveillance installation, it provides an easy way to add communication and entry control to surveillance systems.

AXIS A8004-VE offers excellent low-light performance with WDR, reliable 4/7 identification, and clear two-way speech thanks to echo cancellation and noise reduction. It has multiple inputs and outputs for remote control of door locks and other equipment.
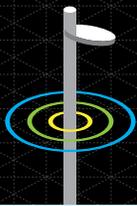
- HIGH-QUALITY AUDIO AND VIDEO
- EASY TO INSTALL, POE+
- OPEN INTERFACE

- IP PHONE INTEGRATION AND SIP SUPPORT
- REMOTE ENTRY CONTROL

SIP

HDTV NETWORK VIDEO

ONVIF® | S

BRIGHTLIFE Smart city connectivity solution by **LUMCA**

Axis A8004-VE

Camera

Image sensor	1/3" Progressive scan RGB CMOS
Lens	Horizontal field of view: 97° Vertical field of view: 78° M12 mount, F2.8, Fixed iris, Megapixel resolution, 2.8 mm
Light sensitivity	0.4 - 100000 lux, F2.8, 0 lux with illumination LED on
Shutter time	Dynamic capture, 1/192 s to 1/37 s (50 Hz), 1/231 s to 1/44 s (60 Hz)

Video

Video compression	H.264 (MPEG-4 Part 10/AVC), Baseline Profile, Main Profile, Motion JPEG
Resolution	1280x960 (1.3 MP) to 160x90
Frame rate	HDTV 720p (1280x720), 25/30 fps (50/60 Hz)
Video streaming	Multiple individually configurable streams, H.264, Motion JPEG, Controllable frame rate and bandwidth, VBR/CBR H.264
Image settings	Compression, Color, Brightness, Sharpness, Contrast, White balance, Exposure control, Fine-tuning of behavior at low light, WDR - Dynamic Capture, Text and image overlay, Mirroring of images, Privacy mask
Pan/Tilt/Zoom	Digital PTZ

Audio

Audio streaming	Two-way, Full duplex
Audio compression	AAC LC 8/16 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8kHz, Configurable bit rate
Audio output	85 dB (at 0.5 m)
Audio input/output	Line output, Built-in microphone, Built-in speaker
Echo cancellation	Yes
Noise reduction	Yes

Network

Security	Password protection, IP address filtering, HTTPSa encryption, IEEE 802.1Xa network access control, Digest authentication, User access log
Supported protocols	IPv4/v6, HTTP, HTTPSa, SSL/TLSa, QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnPTM, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SIP, SRTP, SIPS, SIP TLS

System integration

Application Programming Interface	Open API for software integration including VAPIX® and AXIS Camera Application Platform; specifications at www.axis.com, AXIS Video Hosting System (AVHS) with One-click Connection, ONVIF Profile S; specification available at *www.onvif.org*
Software	Third-party video management software and mobile applications. See www.axis.com for combatibility
VoIP	SIP support for integration with VoIP, Peer-to-peer or integrated with SIP/PBX. Tested with variuos SIP softwares such as Cisco, Bria and Grandstream. Tested with various PBX softwares such as Cisco, Avaya and Asterisk.
Analytics	Included AXIS Video motion detection, Active tampering alarm, Audio detection, AXIS Camera Application Platform enabling installation of additional applications, External input, Edge storage events, Shock detection
Event triggers	Call: DTMF, State, State changes Detectors: Video motion detection, Audio detection, Live stream accessed, Shock detection, Tampering Hardware: Casing open, Network Input signal: Digital input port, Manuel trigger, Virtual input PTZ: Moving, Preset reached Storage: Disruption, Recording System: System ready Time: Use schedule

Event actions	Make call: SIP, API File upload: FTP, HTTP, network share and email - Notification: email, HTTP and TCP Video and audio recording to edge storage, Pre-and post-alarm video buffering, External output activation, Play audio clip, Overlay text, PTZ control, Status LED, WDR mode Event data
Data streaming	Pixel counter
Built-in installation aids	

General

General	Brushed stainless steel front plate. Aluminum body:
Casing	IP66-rated, NEMA 4x-rated, IK08 impact-resistant PVC free
Sustainability	256 MB RAM, 128 MB Flash
Memory	Power In: Power over Ethernet IEEE 802.3af/802.3at
Power	Type 1 Class 3, 10-28 V DC min. 25 W; Power over Ethernet Plus (PoE+) IEEE 802.3at, Type 2 Class 4; Power outb: 2x12 V DC, max. depending on Power In to AXIS A8004-VE; PoE Class 3: max. out 160 mA at 12 V DC Relay pin, I/O 50 mA at 12 V DC IO pin; PoE+ Class 4: max. out 750 mA at 12 V DC Relay pin, I/O 200 mA at12 V DC IO pin; DC in: max. out 750 mA at 12 V DC Relay pin, I/O 200 mA at 12 V DC IO pin; Relays: Locks/etc sourced from AXIS A8004-VE: Maximum current is stated in Power out section. Locks/etc sourced externally: Maximum voltage/current is 0.7A at 30 V
Connectors	RJ45 10BASE-T/100BASE-TX, PoE, DC Power, 4 Inputs/outputs, 2 relays, Line out MicroSD/microSDHC/microSDXC slot (card not included).
Storage	Support for recording to network share (network-attached storage or file server) -25 °C to 50 °C (-13 °F to 122 °F)
Operating conditions	Humidity 10-100% RH (condensing) Wall mount: 140 x 260 x 55.5 mm (5.5 x 10 x 2.2 in);
Dimensions	Recessed wall mount: 140 x 260 x 21 mm) (5.5 x 10 x 0.8 in) Main unit: 1.5 kg (3.3 lb); Wall mount frame: 0.370 kg (0.82 lb);
Weight	Total weight: 1.87 kg (4.12 lb) EN 55022 Class A, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC
Approvals	Part 15 Subpart B Class A, ICES-003 Class A, C-tick AS/NZS CISPR22 Class A, IEC/EN/UL 60950-1, IEC/EN/UL 60950-22, EN 50581, IEC 60529 IP66/IP67, NEMA 250 Type 4X, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC/EN 62262 IK08 Installation Guide, Wall mount frame, Resitorx T20 L-key,
Included accessories	Resitorx T10 L-key, Plug connnectors (power, I/O, line-out, relay), Cable gasket, AXIS Connector guard A, AVHS Authentication key Wall mount: Frame included. Recessed mount: Use AXIS A8004
Mounting option	Junction Box or RACO 942 3-Gang 2-1/2" DP AXIS A8004 Junction box, AXIS A9801 Security Relay,
Optional accessories	Safety relay Video management software from Axis' Application
Video management software	Development Partners (not included). For more information, see *www.axis.com/products/video/software* Axis 3-year warranty and AXIS Extended Warranty option, see
Warranty	*www.axis.com/warranty*

a. *This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (www.openssl.org), and cryptographic software written by Eric Young (eay@cryptsoft.com).*
b. *Support for two locks (max. total 750 mA) when powered with DC/PoE Class 4. For higher power requirements connect external power (max. 30V DC 0.7A).*

Environmental responsibility:
axix.com/environmental-responsibility

Lumca reserves the right to modify the elements on this technical data sheet without prior notice.

BRiGHTLiFE
Smart city connectivity solution by **LUMCA**

www.lumca.com
T: 877.650.1693