

AXIS C3003-E Network Horn Speaker

Clear and simple

AXIS C3003-E Network Horn Speaker is a simple-to-install outdoor loudspeaker that provides clear, long-range speech for remote speaking in live video surveillance. Audio can be manually or automatically triggered in response to an alarm, and deter unwanted activity through pre-installed or uploaded audio files. The loudspeaker has an integrated amplifier and combines low power consumption with high sound pressure. AXIS C3003-E integrates easily with SIP (Session Initiation Protocol) Voice over IP (VoIP) systems and video management software (VMS) supporting audio. Several speakers can be connected in a zone with synchronized audio using only one IP address for the leader speaker.

- > [Simple installation with PoE](#)
- > [Easy VMS integration](#)
- > [Supports open standards – VAPIX, ACAP, SIP](#)
- > [Reliable Auto Speaker Test](#)



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Audio		General	
Audio management	Software applications for managing and controlling your audio system regardless of its size and complexity: – Included in the product (runs inside the device) is AXIS Audio Manager Edge, offering zone management, content management, content scheduling and health monitoring. Up to 200 speakers and 20 zones are supported (see separate datasheet for more details). – For larger and more advanced systems we recommend AXIS Audio Manager Pro (see separate datasheet).	Casing	Impact-resistant aluminum, IP66-, IP67-, and NEMA 4X-rated. For repainting instructions and impact on warranty, contact your Axis partner
Audio streaming	One-way/two-way ^a (mono)	Memory	256 MB RAM, 256 MB Flash
Audio encoding	AAC LC 8/16/32/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Axis μ -law 16 kHz, WAV, MP3 in mono/stereo from 64 kbps to 320 kbps. Constant and variable bit rate. Sampling rate from 8 kHz up to 48 kHz.	Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3 (max. 12.95 W)
Audio input/output	Built-in microphone (can be disabled mechanically)	Connectors	RJ45 10BASE-T/100BASE-TX PoE
Built-in microphone specification	50 Hz - 16 kHz	Operating conditions	-20°C to 50 °C (-4 °F to 122 °F) Humidity 10-100% RH (condensing)
Speaker		Approvals	EN 55022 Class B, EN 61000-6-1, EN 61000-6-2, EN 55024, EN 50121-4, IEC 62236-4, FCC Part 15 Subpart B Class B, ICES-003 Class B, VCCI Class B, C-tick AS/NZS CISPR 22 Class B, KCC KN22 Class B, KN24, IEC/EN/UL 60950-1, IEC/EN/UL 60950-22, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-64, IEC 60068-2-78, IEC/EN 60529 IP66, NEMA 250 Type 4X, NEMA TS 2-2016, CNS 13438
Max sound pressure level	>121 dB	EMC	EN 55032 Class B, EN 50121-4, IEC 62236-4, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class B, ICES-3(B)/NMB-3(B), VCCI Class B, RCM AS/NZS CISPR 32 Class B, KC KN32 Class B, KC KN35
Frequency response	280 Hz - 12.5 kHz	Safety	IEC/EN/UL 60950-1, IEC/EN/UL 60950-22
Coverage pattern	70° horizontal by 100° vertical (at 2 kHz)	Environment	IEC/EN 60529 IP67, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78, IEC/EN 60529 IP66, NEMA 250 Type 4X,
Amplifier		Dimensions	Without bracket: 164 x 225 x 250 mm (6 1/2 x 8 7/8 x 9 7/8 in.) With bracket: 164 x 225 x 305 mm (6 1/2 x 8 7/8 x 12 in.)
Amplifier description	Built-in 7 W Class D amplifier	Weight	1.3 kg (2.9 lb.)
Network		Included accessories	Installation Guide, AVHS Authentication Key, AXIS Camera Station license key, AXIS Connector Guard A, Cable shoe
Security	Password protection, IP address filtering, HTTPS ^b encryption, IEEE 802.1X ^b network access control, Digest authentication, User access log	Optional accessories	AXIS T91A47 Pole Mount, AXIS T91F67 Pole Mount, Cable Gland M20x1.5, RJ45, Cable Gland A M20, AXIS Power over Ethernet Midspans
Supported protocols	IPv4/v6, HTTP, HTTPS ^b , SIP, SSL/TLS ^b , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP TM , SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, TCP, UDP, IGMP, ICMP, DHCP, ARP, SOCKS, SSH	Video management software	AXIS Camera Station, Video management software from Axis' Application Development Partners available on axis.com/techsup/software
System integration		Languages	English, German, French, Spanish, Italian
Application Programming Interface	Open API for software integration, including VAPIX [®] , AXIS Video Hosting System (AVHS) with One-click Connection, AXIS Camera Application Platform (ACAP).	Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see axis.com/warranty
Audio synchronization	Built-in audio synchronization ^c for up to 50 speakers with unicast and hundreds of speakers with multicast. No additional speaker management software or hardware required.	<p>a. <i>This product supports two-way audio for sending audio to the speaker and receiving audio from the microphone. The product does not support two-way communication for conversations with speaker operators.</i></p> <p>b. <i>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).</i></p> <p>c. <i>Audio synchronization with IPv4 only.</i></p>	
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: SIP client such as Cisco, Bria and Grandstream and PBX suppliers such as Cisco and Asterisk. Supported SIP features: secondary SIP server, IPv6, SRTP, SIPS, SIP TLS, DTMF (RFC2976 and RFC2833), NAT (ICE, STUN, TURN) Supported codecs: PCMU, PCMA, opus, L16/16000, L16/8000, speex/8000, speex/16000, G.726-32	Environmental responsibility: axis.com/environmental-responsibility	
Intelligent audio	Auto Speaker Test		
Event triggers	Virtual inputs Call: DTMF, State changes, AXIS Camera Application Platform (ACAP)		
Event actions	File upload: HTTP, network share and email Notification: email, HTTP and TCP Play audio clip Perform Auto Speaker Test Send SNMP trap Status LED		
Built-in installation aids	Test tone verification and identification		
Functional monitoring	Auto Speaker Test, Connection verification, Built-in system logging		