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

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).

Audio streaming
One-way/two-way with optional half-duplex echo cancellation. Mono.

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.

Audio input/output
Built-in microphone (can be disabled mechanically)

Built-in microphone specification
50 Hz - 16 kHz

Speaker

Max sound pressure level
>121 dB

Frequency response
280 Hz - 12.5 kHz

Coverage pattern
70° horizontal by 100° vertical (at 2 kHz)

Amplifier

Amplifier description
Built-in 7 W Class D amplifier

Network

Security
Password protection, IP address filtering, HTTPS[1] encryption, IEEE 802.1X[1] network access control, Digest authentication, User access log

Network protocols
IPv4/v6, HTTP, HTTPS[1], SIP, SSL/TLS[1], QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, TCP, UDP, IGMP, ICMP, DHCP, ARP, SOCKS, SSH

System integration

Application Programming Interface
Open API for software integration, including VAPIX®, AXIS Video Hosting System (AVHS) with One-click Connection, AXIS Camera Application Platform (ACAP).

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

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

1. *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).*

Built-in installation aids
Test tone verification and identification

Functional monitoring
Auto Speaker Test, Connection verification, Built-in system logging

General

Casing
Impact-resistant aluminum, IP66-, IP67-, and NEMA 4X-rated.
For repainting instructions and impact on warranty, contact your Axis partner

Memory
256 MB RAM, 256 MB Flash

Power
Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3 (max. 12.95 W)

Connectors
RJ45 10BASE-T/100BASE-TX PoE

Operating conditions
-20°C to 50 °C (-4 °F to 122 °F)
Humidity 10-100% RH (condensing)

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

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

Safety

IEC/EN/UL 60950-1, IEC/EN/UL 60950-22

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,

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.)

Weight
1.3 kg (2.9 lb.)

Included accessories
Installation Guide, AVHS Authentication Key, AXIS Camera Station license key, AXIS Connector Guard A, Cable shoe

Optional accessories
AXIS T91A47 Pole Mount, AXIS T91F67 Pole Mount, Cable Gland M20x1.5, RJ45, Cable Gland A M20, AXIS Power over Ethernet Midspans

Video management software
AXIS Camera Station, Video management software from Axis' Application Development Partners available on *axis.com/techsup/software*

Languages
English, German, French, Spanish, Italian

Warranty
Axis 3-year warranty and AXIS Extended Warranty option, see *axis.com/warranty*

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