**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
### Audio
- **Audio streaming:** One-way/two-way* (mono)
- **Audio compression:** AAC LC/16/32/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Axis μ-law 16 kHz, WAV, MP3/iv 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® encryption, IEEE 802.1X® network access control, Digest authentication, User access log
- **Supported protocols:** IPv4/v6, HTTP, HTTPS®, SIP, SSL/TLS®, QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP®, SNMP v1/v2c/v3 (MB-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 Click-to-Connect, AXIS Camera Application Platform (ACAP).
- **Audio synchronization:** Built-in audio synchronization < for up to 50 speakers with unicast and hundreds of speakers with multicast. No additional speaker management software or hardware required.
- **Voice announcement:** Up to 50 pre-recorded voice announcements. Voice announcement through built-in SIP support for connection to any IP telephone / VoIP system and VAPIX support.
- **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, SIP, SIP TLS, DTMF (RFC2976 and RFC2833), NAT (ICE, STUN, TURN)
  - Supported codecs: PCM, G.711, L16/16000, L16/8000, speex/8000, speex/16000, G.726-23
- **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

### General
- **Casing:** Impact-resistant aluminum, IP66-, IP67-, and NEMA 4X-rated.
- **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
- **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, IEC-003/B/NMB-3(B), VCCI Class B, AS/NZS CISPR 32 Class B, KC KN32 Class B, KC KN35
- **Safety:** IEC/EN/UL 60950-1, IEC/EN/UL 60950-22

### 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 lbs.)

### 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
  - a. 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.
  - b. 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).
  - c. Audio synchronization with IPv4 only.

### Environmental responsibility
- axis.com/environmental-responsibility

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