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
**AXIS C3003-E Network Horn Speaker**

### Audio
- **Audio streaming**
  - One-way/two-way® (mono)
- **Audio compression**
  - 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® encryption, IEEE 802.1X® network access control, Digest authentication, User access log
- **Supported protocols**
  - IPv4/IPv6, HTTP, HTTPS®, SIP, SSL/TLS®, QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP®, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, TCP, UDP, IGMP, ICMP, HTTP, 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)
- **Audio synchronization**
  - Built-in audio synchronization® 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, SIPS, SIP TLS, DTMF (RFC2833 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
  - Send 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**
  - 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**
- **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 1/2 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 T91C67 Pole Mount, Cable Gland M20x1.5, RJ45, Cable Gland A M20, AXIS Power over Ethernet Midspans
- **Video management software**
  - AXIS Camera Station and video management software from Axis Application Development Partners (not included)
- **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 www.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**
  - www.axis.com/environmental-responsibility

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