AXIS C1310-E Network Horn Speaker

Outdoor speaker for clear long-range speech

AXIS C1310-E Network Horn Speaker is perfect for outdoor environments in most climates. It allows users to remotely warn off intruders before they commit a crime, to deliver instructions during an emergency or to make general voice messages. Built-in memory supports pre-recorded messages, or security personal can respond to notifications with live speak. Digital signal processing (DSP) ensures clear sound. Open standards support easy integration with network video, access control, analytics, and VoIP (supporting SIP). AXIS C1310-E is a standalone unit that can be placed almost anywhere, which supports a flexible, scalable and cost-effective approach to system design.

- **All-in-one speaker system**
- **Connects to standard network**
- **Simple installation with PoE**
- **Remote health testing**
- **Two input/outputs (GPIO)**

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Audio	
Audio streaming	One-way/two-way[a] (mono)
Audio compression	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 - 12 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[b] encryption, IEEE 802.1X[b] network access control, Digest authentication, User access log
Supported protocols	IPv4/v6, HTTP, HTTPS[b], SIP, SSL/TLS[b], 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)
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.
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 (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, External input 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-, NEMA 4X-rated, and MIL-STD-810G 509.5-rated.
Memory	256 MB RAM, 512 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 I/O: 4-pin 2.5 mm terminal block for one input and one output
Operating conditions	-40°C to 60 °C (-40 °F to 140 °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, 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 62368-1, 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, MIL-STD-810G 509.5
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 T91B47 Pole Mount, AXIS T91F67 Pole Mount, Cable Gland M20x1.5, RJ45, Cable Gland A M20, AXIS Power over Ethernet Midspans, T94R01B Corner Bracket, T94P01B Corner Bracket, T94S01P Conduit Back Box
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