

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		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-, NEMA 4X-rated, and MIL-STD-810G 509.5-rated.
Audio streaming	One-way/two-way ^a (mono)	Memory	256 MB RAM, 512 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 I/O: 4-pin 2.5 mm terminal block for one input and one output
Built-in microphone specification	50 Hz - 12 kHz	Operating conditions	-40°C to 60°C (-40°F to 140°F) Humidity 10-100% RH (condensing)
Speaker		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
Max sound pressure level	>121 dB	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.)
Frequency response	280 Hz - 12.5 kHz	Weight	1.3 kg (2.9 lb.)
Coverage pattern	70° horizontal by 100° vertical (at 2 kHz)	Included accessories	Installation Guide, AVHS Authentication Key, AXIS Camera Station license key, AXIS Connector Guard A, Cable shoe
Amplifier		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
Amplifier description	Built-in 7 W Class D amplifier	Video management software	AXIS Camera Station, Video management software from Axis' Application Development Partners available on axis.com/techsup/software
Network		Languages	English, German, French, Spanish, Italian
Security	Password protection, IP address filtering, HTTPS ^b encryption, IEEE 802.1X ^b network access control, Digest authentication, User access log	Warranty	5-year warranty, see axis.com/warranty
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, IGMPv1/v2/v3, ICMP, DHCP, ARP, SOCKS, SSH	<p>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.</p> <p>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 (ey@cryptsoft.com).</p> <p>c. Audio synchronization with IPv4 only.</p>	
System integration		Environmental responsibility: axis.com/environmental-responsibility	
Application Programming Interface	Open API for software integration, including VAPIX [®] . One-click cloud 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.		
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		