

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 hardware		Supported codecs: PCMU, PCMA, opus, L16/16000, L16/8000, speex/8000, speex/16000, G.726-32
Enclosure	One way enclosure with 2.5 inches broadband dynamic cone speaker	Intelligent audio Auto Speaker Test
Max sound pressure level	>121 dB	
Frequency response	280 Hz - 12.5 kHz	
Coverage pattern	70° horizontal by 100° vertical (at 2 kHz)	
Audio input/output	Built-in microphone (can be disabled mechanically)	
Built-in microphone specification	50 Hz - 12 kHz	Event triggers Virtual inputs, External input Call: DTMF, State changes, AXIS Camera Application Platform (ACAP)
Digital signal processing	Built-in and pre-configured	
Amplifier description	Built-in 7 W Class D amplifier	
Audio management		
AXIS Audio Manager Edge	Built in: – Content management for music and live/pre-recorded announcements. – Scheduling to decide when and where to play specific content. – Content prioritization to ensure urgent messages interrupt the schedule. – Zone management allowing you to divide up to 200 speakers into 20 zones. – Health monitoring for remote discovery of system errors. – User management to control who has access to what features. See separate datasheet for more details.	
AXIS Audio Manager Pro	For larger and more advanced systems. Sold separately. See separate datasheet for specifications.	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
Audio software		
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.	
System on chip (SoC)		
Model	i.MX GULL	Built-in installation aids Test tone verification and identification
Memory	256 MB RAM, 512 MB Flash	
Network		
Security	Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X ^a network access control, Digest authentication, User access log	
Network protocols	IPv4/v6, HTTP, HTTPS ^a , SIP, SSL/TLS ^a , 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	
System integration		Functional monitoring Auto Speaker Test, Connection verification, Built-in system logging
Application Programming Interface	Open API for software integration, including VAPIX®, One-click cloud 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)	
		General
Casing	Impact-resistant aluminum, IP66-, IP67-, NEMA 4X-rated, and MIL-STD-810G 509.5-rated.	Casing Impact-resistant aluminum, IP66-, IP67-, NEMA 4X-rated, and MIL-STD-810G 509.5-rated.
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	
Reliability	Designed for 24/7 operation.	
Operating conditions	-40 °C to 60 °C (-40 °F to 140 °F) Humidity 5-95% RH (condensing)	
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °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 CAN/CSA C22.2 No. 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 Ø182 X 52 mm (7.2 x 2.1 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 For more accessories, see axis.com		
Video management software AXIS Camera Station, AXIS Companion, Video management software from Axis' Application Development Partners available on axis.com/techsup/software		Video management software AXIS Camera Station, AXIS Companion, Video management software from Axis' Application Development Partners available on axis.com/techsup/software
Languages English, German, French, Spanish, Italian		
Warranty 5-year warranty, see axis.com/warranty		
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