

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)**



AXIS C1310-E Network Horn Speaker

Audio hardware		Event actions	
Enclosure	One way enclosure with 2.5 inches broadband dynamic cone speaker	File upload: HTTP, network share and email Notification: email, HTTP and TCP Play audio clip Perform Auto Speaker Test Send SNMP trap Status LED	
Max sound pressure level	>121 dB		
Frequency response	280 Hz - 12.5 kHz	Built-in installation aids	
Coverage pattern	70° horizontal by 100° vertical (at 2 kHz)	Test tone verification and identification	
Audio input/output	Built-in microphone (can be disabled mechanically)	Functional monitoring	
Built-in microphone specification	50 Hz - 12 kHz	Auto Speaker Test, Connection verification, Built-in system logging	
Digital signal processing	Built-in and pre-configured	Cybersecurity	
Amplifier description	Built-in 7 W Class D amplifier	Edge security	Software: Signed firmware, brute force delay protection, digest authentication and OAuth 2.0 RFC6749 OpenID Authorization Code Flow for centralized ADFS account management, password protection
Audio management		Network security	IEEE 802.1X (EAP-TLS, PEAP-MSCHAPv2), HTTPS/HSTS, TLS v1.2/v1.3, Network Time Security (NTS), X.509 Certificate PKI, IP address filtering
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.	Documentation	AXIS OS Hardening Guide Axis Vulnerability Management Policy Axis Security Development Model AXIS OS Software Bill of Material (SBOM) To download documents, go to axis.com/support/cybersecurity/resources To read more about Axis cybersecurity support, go to axis.com/cybersecurity
AXIS Audio Manager Pro	For larger and more advanced systems. Sold separately. See separate datasheet for specifications.	General	
Audio software		Casing	Impact-resistant aluminum, IP66-, IP67-, NEMA 4X-rated, and MIL-STD-810G 509.5-rated.
Audio streaming	One-way/two-way with optional half-duplex echo cancellation. Mono.	Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3 (max. 12.95 W)
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.	Connectors	RJ45 10BASE-T/100BASE-TX PoE I/O: 4-pin 2.5 mm terminal block for one input and one output
System on chip (SoC)		Reliability	Designed for 24/7 operation.
Model	i.MX 6ULL	Operating conditions	-40 °C to 60 °C (-40 °F to 140 °F) Humidity 5-95% RH (condensing)
Memory	256 MB RAM, 512 MB Flash	Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 10-100% RH (condensing)
Network		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
Network protocols	IPv4/v6, 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, IGMPv1/v2/v3, ICMP, DHCP, ARP, SOCKS, SSH	Dimensions	
System integration		Ø182 X 52 mm (7.2 x 2.1 in)	
Application Programming Interface	Open API for software integration, including VAPIX®, One-click cloud connection, AXIS Camera Application Platform (ACAP).	Weight	
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	1.3 kg (2.9 lb.)	
Intelligent audio	Auto Speaker Test	Included accessories	Installation Guide, AVHS Authentication Key, AXIS Camera Station license key, AXIS Connector Guard A, Cable shoe
Event triggers	Virtual inputs, External input Call: DTMF, State changes, AXIS Camera Application Platform (ACAP)	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
		Languages	English, German, French, Spanish, Italian
		Warranty	5-year warranty, see axis.com/warranty