

# 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		Event actions	
Enclosure	One way enclosure with 2.5 inches broadband dynamic cone speaker	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
Max sound pressure level	>121 dB	Built-in installation aids	Test tone verification and identification
Frequency response	280 Hz - 12.5 kHz	Functional monitoring	Auto Speaker Test, Connection verification, Built-in system logging
Coverage pattern	70° horizontal by 100° vertical (at 2 kHz)	Cybersecurity	
Audio input/output	Built-in microphone (can be disabled mechanically)	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
Built-in microphone specification	50 Hz - 12 kHz	Network security	IEEE 802.1X (EAP-TLS, PEAP-MSCHAPv2), HTTPS/HSTS, TLS v1.2/v1.3, Network Time Security (NTS), X.509 Certificate PKI, host-based firewall
Digital signal processing	Built-in and pre-configured	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 <a href="https://axis.com/support/cybersecurity/resources">axis.com/support/cybersecurity/resources</a> To read more about Axis cybersecurity support, go to <a href="https://axis.com/cybersecurity">axis.com/cybersecurity</a>
Amplifier description	Built-in 7 W Class D amplifier	General	
Audio management		Casing	Impact-resistant aluminum, IP66-, IP67-, NEMA 4X-rated, and MIL-STD-810G 509.5-rated.
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.	Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3 (max. 12.95 W)
AXIS Audio Manager Pro	For larger and more advanced systems. Sold separately. See separate datasheet for specifications.	Connectors	RJ45 10BASE-T/100BASE-TX PoE I/O: 4-pin 2.5 mm terminal block for one input and one output
AXIS Audio Manager Center	AXIS Audio Manager Center is a cloud service for remote access and management of multi-site systems.	Reliability	Designed for 24/7 operation.
Audio software		Operating conditions	-40 °C to 60 °C (-40 °F to 140 °F) Humidity 5-95% RH (condensing)
Audio streaming	One-way/two-way with optional half-duplex echo cancellation. Mono.	Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 10-100% RH (condensing)
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.	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
System on chip (SoC)		Dimensions	Ø182 X 52 mm (7.2 x 2.1 in)
Model	i.MX 6ULL	Weight	1.3 kg (2.9 lb.)
Memory	256 MB RAM, 512 MB Flash	Included accessories	Installation Guide, AVHS Authentication Key, AXIS Connector Guard A, Cable shoe
Network		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 <a href="https://axis.com">axis.com</a>
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	Video management software	AXIS Camera Station, AXIS Companion, Video management software from Axis' Application Development Partners available on <a href="https://axis.com/techsup/software">axis.com/techsup/software</a>
System integration		Languages	English, German, French, Spanish, Italian
Application Programming Interface	Open API for software integration, including VAPIX®, One-click cloud connection, AXIS Camera Application Platform (ACAP).	Warranty	5-year warranty, see <a href="https://axis.com/warranty">axis.com/warranty</a>
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)		