AXIS
C O M M U N I C A T I O N S

AXIS C1410 Network Mini Speaker

Speaker with wide-area coverage for voice messages

AXIS C1410 Network Mini Speaker is a discrete and affordable speaker that fits into smaller spaces and provides wide-area audio coverage. It allows users to remotely warn off intruders before they commit a crime, to deliver instructions during an emergency or to make general announcements. Built-in memory supports pre-recorded messages, or personnel 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. AXIS C1410 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**

> **PIR sensor for motion detection**

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Audio

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).
Audio streaming	One-way/two-way[a], 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.
Audio input/output	Built-in microphone (can be disabled)
Built-in microphone specification	50 Hz - 12 kHz

Speaker

Enclosure	One way enclosure with 2.5 inches broadband dynamic cone speaker
Max sound pressure level	90 dB
Frequency response	100 Hz - 20 kHz
Coverage pattern	145° coaxial

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, Centralized Certificate Management
Supported protocols	IPv4/v6[c], HTTP, HTTPS[b], SSL/TLS[b], QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, NTCIP, SIP (Cisco, Avaya, Asterisk)

System integration

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) Supported codecs: PCMU, PCMA, opus, L16/16000, L16/8000, speex/8000, speex/16000, G.726-32
Intelligent audio	Auto Speaker Test (verification via built-in microphone)
Event triggers	Virtual inputs, AXIS Camera Application Platform (ACAP)

	Call: DTMF, State changes
Event actions	Play audio clip, send SNMP trap, send Auto Speaker Test, status LED, File upload via HTTP, network share and email, Notification via email, HTTP, HTTPS and TCP
Built-in installation aids	Test tone verification and identification

General

Casing	Plastic casing, IP40 rated Colors: White Repaintable. For repainting instructions and impact on warranty, contact your Axis partner.
Memory	256 MB RAM, 512 MB Flash
Power	Power over Ethernet (PoE) IEEE 802.3af/802.3af Type 1 Class 3 (max 12.95 W)
Connectors	RJ45 10BASE-T/100BASE-TX PoE
Reliability	Designed for 24/7 operation.
PIR sensor	Passive infrared (PIR) motion sensor. Max range: 6 m (19.7 ft)
Operating conditions	–20 °C to 50 °C (4 °F to 122 °F) Humidity 10–85% RH (condensing)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
Approvals	EMC EN 55032 Class B, EN 55035, EN 61000-3-2, EN 61000-3-3, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class B, ICES-3(B)/NMB-3(B), RCM AS/NZS CISPR 32 Class B, VCCI Class B Safety IEC/EN/UL 62368-1
Dimensions	Ø182 X 52 mm (7.2 x 2.1 in)
Weight	600 g (1.3 lb)
Included accessories	Installation Guide, AVHS authentication key, AXIS Camera Station license key
Optional accessories	AXIS T91A33 Lighting Track Mount, AXIS T91A23 Tile Grid Ceiling Mount For more accessories, see *axis.com*
Mounting option	When you mount the device on a soft tile ceiling, use a plate behind the tile for reinforcement.
Video management software	AXIS Companion, AXIS Camera Station, 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*

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:

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