# 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  ts 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 noti cations 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  exible, 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**

# AXIS C1410 Network Mini Speaker

## Audio hardware

| | |
|---|---|
| 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 |
| Audio input/output | Built-in microphone (can be disabled) |
| Built-in microphone specification | 50 Hz - 12 kHz |
| Amplifier description | Built-in 7 W Class D amplifier |
| Digital signal processing | Built-in and pre-configured |

## Audio management

| | |
|---|---|
| AXIS Audio Manager Edge | Built in:<br>– Content management for music and live/pre-recorded announcements.<br>– Scheduling to decide when and where to play specific content.<br>– Content prioritization to ensure urgent messages interrupt the schedule.<br>– Zone management allowing you to divide up to 200 speakers into 20 zones.<br>– Health monitoring for remote discovery of system errors.<br>– User management to control who has access to what features.<br>See separate datasheet for more details. |
| AXIS Audio Manager Pro | For larger and more advanced systems. Sold separately. See separate datasheet for specifications. |

## 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,<br>MP3 in mono/stereo from 64 kbps to 320 kbps.<br>Constant and variable bit rate.<br>Sampling rate from 8 kHz up to 48 kHz. |

## System on chip (SoC)

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|---|---|
| Model | i.MX 6ULL |
| Memory | 256 MB RAM, 512 MB Flash |

## Network

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|---|---|
| Security | Password protection, IP address filtering, HTTPS[a] encryption, IEEE 802.1X[a] network access control, Digest authentication, User access log, Centralized Certificate Management |
| Network protocols | IPv4/v6[b], HTTP, HTTPS[a], SSL/TLS[a], 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.<br>Supported SIP features: secondary SIP server, IPv6, SRTP, SIPS, SIP TLS, DTMF (RFC2976 and RFC2833), NAT (ICE, STUN, TURN)<br>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)<br>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<br>Colors: White<br>Repaintable. For repainting instructions and impact on warranty, contact your Axis partner. |
| 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 |
| Reliability | Designed for 24/7 operation. |
| LED indicators | Status LED, front-facing LED |
| PIR sensor | Passive infrared (PIR) motion sensor.<br>Max range: 6 m (19.7 ft) |
| Operating conditions | –20 °C to 50 °C (4 °F to 122 °F)<br>Humidity 10–85% RH (condensing) |
| Storage conditions | -40 °C to 65 °C (-40 °F to 149 °F)<br>Humidity 5–95% RH (non-condensing) |
| Approvals | **EMC**<br>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<br>**Safety**<br>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,<br>AXIS T91A23 Tile Grid Ceiling Mount,<br>AXIS TC1601 Universal Mount<br>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 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).*
b. *Audio synchronization with IPv4 only.*

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