

## AXIS C1410 Mk II Network Mini Speaker

Speaker with wide-area coverage for voice messages

AXIS C1410 Mk II Network Mini Speaker is a discreet 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. It also has a built-in PIR sensor for motion detection. AXIS C1410 Mk II 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](#)



# AXIS C1410 Mk II Network Mini Speaker

## Audio hardware

### Enclosure

Sealed 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:

- Zone management allowing you to divide up to 200 speakers into 20 zones.
- Content management for music and live/pre-recorded announcements.
- Scheduling to decide when and where to play content.
- Content prioritization to ensure urgent messages interrupt the schedule.
- Health monitoring for remote discovery of system errors.
- User management to control who has access to what features.

For more details, see the datasheet on [axis.com/products/axis-audio-manager-edge/support](https://axis.com/products/axis-audio-manager-edge/support)

### AXIS Audio Manager Pro

For larger and more advanced systems. Sold separately. For specifications, see the datasheet on [axis.com/products/axis-audio-manager-pro/support](https://axis.com/products/axis-audio-manager-pro/support)

### AXIS Audio Manager Center

AXIS Audio Manager Center is a cloud service for remote access and management of multi-site systems. For specifications, see the datasheet on [axis.com/products/axis-audio-manager-center/support](https://axis.com/products/axis-audio-manager-center/support)

## 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  $\mu$ -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 integration

### Application Programming Interface

Open API for software integration, including VAPIX® and AXIS Camera Application Platform (ACAP). One-click cloud connection

### Video management systems

Compatible with AXIS Camera Station Edge, AXIS Camera Station Pro, AXIS Camera Station 5, and video management software from Axis' partners available at [axis.com/vms](https://axis.com/vms).

### Mass notification

Singlewire InformaCast®, Intrado Revolution, Lynx, Alertus

### Unified communication

Verified compatibility:

**SIP clients:** 2N, Yealink, Cisco, Linphone, Grandstream  
**PBX/SIP servers:** Cisco Call Manager, Cisco BroadWorks, Avaya, Asterix, Grandstream  
**Cloud service providers:** Webex, Zoom

## SIP

**Supported SIP features:** Secondary SIP server, IPv6, SRTP, SIPS, SIP TLS, DTMF (RFC2976 and RFC2833), NAT (ICE, STUN, TURN)  
**RFC 3261:** INVITE, CANCEL, BYE, REGISTER, OPTIONS, INFO  
**DTMF (RFC 4733/RFC 2833)**

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## Event conditions

Audio: audio clip playing, speaker test result  
Call: state, state change  
Device status: IP address blocked/removed, new IP address, network lost, system ready, live stream active, PIR sensor  
Edge storage: recording ongoing, storage disruption, storage health issues detected  
I/O: manual trigger, virtual input  
MQTT: stateless  
Scheduled and recurring: schedule

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## Event actions

Audio: run automatic speaker test  
Audio clips: play, stop  
LEDs: flash status LED, flash status LED while the rule is active  
Light and siren: run light profile, run light profile while the rule is active, stop activities  
MQTT: publish  
Notification: HTTP, HTTPS, TCP and email  
Recordings: record audio, record audio while the rule is active  
Security: erase configuration  
SNMP traps: send, send while the rule is active

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## Built-in installation aids

Test tone verification and identification

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## Functional monitoring

Auto Speaker Test (verification via built-in microphone)

## Approvals

### Product markings

CSA, UL/cUL, UKCA, CE, KC, VCCI, RCM, BSMI

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### Supply chain

TAA compliant

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## EMC

EN 55035, EN 55032 Class B, EN 61000-3-2, EN 61000-3-3, EN 61000-6-1, EN 61000-6-2,  
**Australia/New Zealand:** RCM AS/NZS CISPR 32 Class B  
**Canada:** ICES-3(B)/NMB-3(B)  
**Japan:** VCCI Class B  
**Korea:** KS C 9835, KS C 9832 Class B  
**USA:** FCC Part 15 Subpart B Class B

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## Safety

CAN/CSA C22.2 No. 62368-1 ed. 3,  
IEC/EN 62368-1 ed. 3

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## Environment

IEC/EN 60529 IP4X

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## Cybersecurity

FIPS-140

## Network

### Network protocols

IPv4/v6<sup>1</sup>, HTTP, HTTPS<sup>2</sup>, SSL/TLS<sup>2</sup>, 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

## Cybersecurity

### Edge security

**Software:** Signed OS, brute force delay protection, digest authentication, password protection, Axis Cryptographic Module (FIPS 140-2 level 1), encrypted file system

**Hardware:** Axis Edge Vault cybersecurity platform Secure element (CC EAL 6+), Axis device ID, secure keystore, secure boot

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### Network security

IEEE 802.1X (EAP-TLS, PEAP-MSCHAPv2)<sup>2</sup>, IEEE 802.1AE (MACsec PSK/EAP-TLS), IEEE 802.1AR, HTTPS/HSTS<sup>2</sup>, TLS v1.2/v1.3<sup>2</sup>, Network Time Security (NTS), X.509 Certificate PKI, host-based firewall

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1. Audio synchronization with IPv4 only.

2. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (openssl.org), and cryptographic software written by Eric Young (eay@cryptsoft.com).

## 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](https://axis.com/support/cybersecurity/resources)

To read more about Axis cybersecurity support, go to [axis.com/cybersecurity](https://axis.com/cybersecurity)

## System on chip (SoC)

### Model

NXP i.MX 8M Nano

### Memory

1024 MB RAM, 1024 MB Flash

## General

### Casing

Plastic casing, IP40 rated

Colors: White

Repaintable. For repainting instructions and impact on warranty, contact your Axis partner.

### Mounting option

When you mount the device on a soft tile ceiling, use a plate behind the tile for reinforcement.

### 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

### LED indicators

Status LED, front-facing LED

### 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)

Humidity 5–95% RH (non-condensing)

## Dimensions

For the overall product dimensions, see the dimension drawing in this datasheet.

Ø182 X 52 mm (7.2 x 2.1 in)

## Weight

600 g (1.3 lb)

## Box content

Speaker, installation guide, Owner Authentication Key

## Optional accessories

AXIS T91A33 Lighting Track Mount,

AXIS T91A23 Tile Grid Ceiling Mount,

AXIS TC1601 Universal Mount

For more accessories, see [axis.com](https://axis.com)

## Languages

English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Polish, Traditional Chinese, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese

## Warranty

5-year warranty, see [axis.com/warranty](https://axis.com/warranty)

## Part numbers

Available at [axis.com/products/axis-c1410-mk-ii#part-numbers](https://axis.com/products/axis-c1410-mk-ii#part-numbers)

## Tools

### Design

AXIS Site Designer

Available at [axis.com](https://axis.com)

## Installation

AXIS Device Manager, product selector, accessory selector

Available at [axis.com](https://axis.com)

## Sustainability

### Substance control

PVC free in accordance with JEDEC/ECA Standard JS709  
RoHS in accordance with EU RoHS Directive 2011/65/EU/ and EN 63000:2018

REACH in accordance with (EC) No 1907/2006. For SCIP UUID, see [axis.com/partner](https://axis.com/partner).

## **Materials**

Renewable carbon-based plastic content: Up to 76% (recycled)

Screened for conflict minerals in accordance with OECD guidelines

To read more about sustainability at Axis, go to [axis.com/about-axis/sustainability](https://axis.com/about-axis/sustainability)

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## **Environmental responsibility**

[axis.com/environmental-responsibility](https://axis.com/environmental-responsibility)

Axis Communications is a signatory of the UN Global Compact, read more at [unglobalcompact.org](https://unglobalcompact.org)

Dimension drawing

