

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

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

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

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

Audio software

Streaming

Two-way (full duplex)

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.

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.

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)

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

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

Built-in installation aids

Test tone verification and identification

Functional monitoring

Auto Speaker Test (verification via built-in microphone)

Analytics

Applications

Included

AXIS Audio Analytics

Supported

Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap

AXIS Audio Analytics

Features: adaptive audio detection, audio classification

Audio classes: scream, shout, glass break, speech

Event metadata: audio detections, classifications

Approvals

Product markings

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

Supply chain

TAA compliant

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

Safety

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

Environment

IEC/EN 60529 IP4X

Cybersecurity

FIPS-140

Network

Network protocols

IPv4/v6¹, HTTP, HTTPS², SSL/TLS², QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, PTP, 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

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 (ey@cryptsoft.com).

Network security

IEEE 802.1X (EAP-TLS, PEAP-MSCHAPv2)³,
IEEE 802.1AE (MACsec PSK/EAP-TLS), IEEE 802.1AR,
HTTPS/HSTS³, TLS v1.2/v1.3³, Network Time Security
(NTS), X.509 Certificate PKI, host-based firewall

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

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

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

Part numbers

Available at axis.com/products/axis-c1410-mk-ii#part-numbers

Tools

Design

AXIS Site Designer

Available at axis.com

Installation

AXIS Device Manager, product selector, accessory selector

Available at axis.com

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

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

Environmental responsibility

axis.com/environmental-responsibility
Axis Communications is a signatory of the UN Global
Compact, read more at unglobalcompact.org

Dimension drawing

