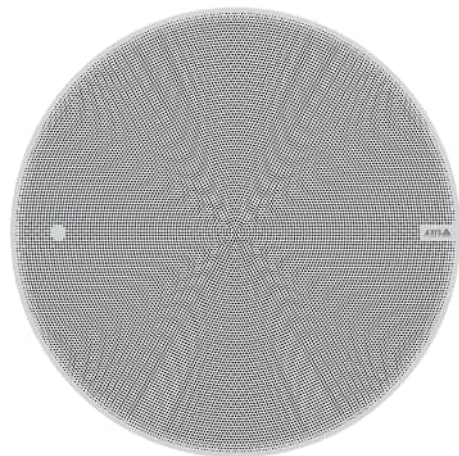


AXIS C1210-E Network Ceiling Speaker

Discrete in-ceiling installation—large

AXIS C1210-E is an all-in-one speaker system that makes voice announcements and background music smart and easy. It connects to standard network using one cable for both power (PoE) and connectivity. AXIS C1210-E offers flexible, discrete recessed ceiling installation, ideal for indoor environments but can also be used for protected outdoor areas like under the eaves. Additionally, it features a backbox that meets plenum requirements. It offers easy integration with your video management software (VMS), VoIP telephony, analytics, and more. Including a preconfigured digital signal processor (DSP) it produces clear voice every time. It also features a built-in microphone enabling remote health testing and 2-way audio talk-back. Furthermore, the embedded audio management software supports user, content, zone, and scheduling management.

- > [All-in-one speaker system](#)
- > [Connects to standard network](#)
- > [Easy installation with just one network cable \(PoE\)](#)
- > [Scalable and easy to integrate](#)
- > [Remote health testing](#)



AXIS C1210-E Network Ceiling Speaker

| | | | |
|--|--|--|---|
| Audio hardware | | Intelligent audio | Auto Speaker Test (verification via built-in microphone) |
| Enclosure | One way enclosure with 6,5 inches broadband dynamic cone speaker | Event triggers | Call, virtual inputs, external input, AXIS Camera Application Platform (ACAP) |
| Max sound pressure level | 96 dB | 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, external output activation |
| Frequency response | 40 Hz - 20 kHz | Built-in installation aids | Test tone verification and identification |
| Coverage pattern | 130° coaxial | General | |
| Audio input/output | Built-in microphone (can be disabled) External microphone, Line in | Casing | Baffle: Plastic Top cover: Plastic Mesh: Surface-treated steel plate Mesh color: Off-white (RAL 9010 or equivalent) Repaintable. For repainting instructions and impact on warranty, contact your Axis partner. Speaker mounting method: Plastic clamp |
| Built-in microphone specification | 50 Hz - 20 kHz | Power | Power over Ethernet (PoE), IEEE 802.3af Type 1 Class 3 (max 12.95 W) |
| Amplifier description | Built-in 7 W Class D amplifier | Connectors | RJ45 10BASE-T/100BASE-TX PoE |
| Digital signal processing | Built-in and pre-configured | Storage | Support for microSD/microSDHC/microSDXC card Max. size 64 GB For SD card recommendations see www.axis.com |
| Audio management | | Reliability | Designed for 24/7 operation. |
| 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. | LED indicators | Status LED, front-facing LED |
| AXIS Audio Manager Pro | For larger and more advanced systems. Sold separately. See separate datasheet for specifications. | Operating conditions | -30 °C to 50 °C (-22 °F to 122 °F) Humidity 10–100 % RH (condensing) |
| Audio software | | Storage conditions | -40 °C to 65 °C (-40 °F to 149 °F) Humidity 5–95 % RH (non-condensing) |
| Audio streaming | One-way/two-way with optional half-duplex echo cancellation. Mono. | Approvals | EMC CISPR 24, CISPR 35, CISPR 32 Class A, EN 55024, EN 55035, EN 55032 Class A, EN 61000-6-1, EN 61000-6-2, EN 61000-6-3, EN 61000-6-4, FCC Part 15 Subpart B Class A, ICES-3(A)/NMB-3(A), KC KN35, KC KN32 Class A, RCM AS/NZS CISPR 32 Class A, VCCI Class A Safety CAN/CSA C22.2 No. 62368-1, CAN/CSA-C22.2 No. 60950-22, IEC/EN 62368-1, KC-Mark, UL 62368-1, UL 60950-22 Environment IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78, IEC/EN 60529 IP44 |
| 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. | Dimensions | Height: 150 mm (5.9 in), Front-mesh \varnothing 285 mm (11.2 in) Ceiling thickness: for mounting: 0–60 mm (0–2.4 in) Dimensions for fixing hole: \varnothing 261 mm \pm 2 mm (10.3 in \pm 0.08 in) |
| System on chip (SoC) | | Weight | 3100 g |
| Model | i.MX 6SoloX | Optional accessories | AXIS TC1603 Tile Bridge (for installation in soft ceiling), AXIS TC1602 Conduit Adapter, AXIS TC1702 Back Cover, AXIS Safety Wire 3M For more accessories, see axis.com |
| Memory | 512 MB RAM, 512 MB Flash | Video management software | AXIS Companion, AXIS Camera Station, video management software from Axis' Application Development Partners available on axis.com/techsup/software |
| Network | | Languages | English, German, French, Spanish, Italian |
| Security | Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X ^a network access control, Digest authentication, User access log, Centralized Certificate Management | Warranty | 5-year warranty, see axis.com/warranty |
| Network protocols | IPv4/v6 ^b , HTTP, HTTPS ^a , SSL/TLS ^a , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP TM , 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) | <p>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 (ey@cryptsoft.com).</p> <p>b. Audio synchronization with IPv4 only.</p> | |
| System integration | | Environmental responsibility: axis.com/environmental-responsibility | |
| 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 | | |