

AXIS C1510 Network Pendant Speaker

For installation in high ceilings—large

This all-in-one speaker system makes audio announcements smart and easy. For instance, it can be used to make general live or prerecorded voice messages, remotely and proactively warn off intruders, and deliver instructions. 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. This visually attractive pendant speaker is ideal for mounting in high ceilings. 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**



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Audio hardware		Supported codecs: PCMU, PCMA, opus, L16/16000, L16/8000, speex/8000, speex/16000, G.726-32	
Enclosure	One way enclosure with 4 inches broadband dynamic cone speaker	Intelligent audio	Auto Speaker Test (verification via built-in microphone)
Max sound pressure level	96 dB	Event triggers	Call, virtual inputs, external input, AXIS Camera Application Platform (ACAP)
Frequency response	60 Hz - 20 kHz	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
Coverage pattern	130° coaxial	Built-in installation aids	Test tone verification and identification
Audio input/output	Built-in microphone (can be disabled) External microphone, Line in	General	
Built-in microphone specification	50 Hz - 20 kHz	Casing	IP40 Baffle: plastic Mesh: Surface-treated steel plate Mesh color: Off-white (RAL 9010 or equivalent) Top cover: Plastic Repaintable. For repainting instructions and impact on warranty, contact your Axis partner. Speaker mounting method: Hook
Amplifier description	Built-in 7 W Class D amplifier	Power	Power over Ethernet (PoE), IEEE 802.3af/802.3af, Type 1 Class 3 (max 12.95 W)
Digital signal processing	Built-in and pre-configured	Connectors	RJ45 10BASE-T/100BASE-TX PoE I/O: 4-pin 2.5 mm terminal block for 2x supervised configurable I/Os
Audio management		Storage	Support for microSD/microSDHC/microSDXC card Max. size 64 GB For SD card recommendations see www.axis.com
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.	Reliability	Designed for 24/7 operation.
AXIS Audio Manager Pro	For larger and more advanced systems. Sold separately. See separate datasheet for specifications.	LED indicators	Status LED, front-facing LED
Audio software		Operating conditions	-30 °C to 50 °C (-22 °F to 122 °F) Humidity 10–85% RH (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 Environment IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, EC 60068-2-27, IEC/EN 60529 IP4X Safety CAN/CSA C22.2 No. 62368-1, IEC/EN 62368-1, KC-Mark, UL 62368-1
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: 180 mm (7.1 in), Ø 290 mm (11.4 in)
System on chip (SoC)		Weight	4100 g (9.0 lbs)
Model	i.MX 6SoloX	Optional accessories	AXIS TC1901 Wire Kit, AXIS Safety Wire 3M For 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)	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). b. Audio synchronization with IPv4 only.	
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)		