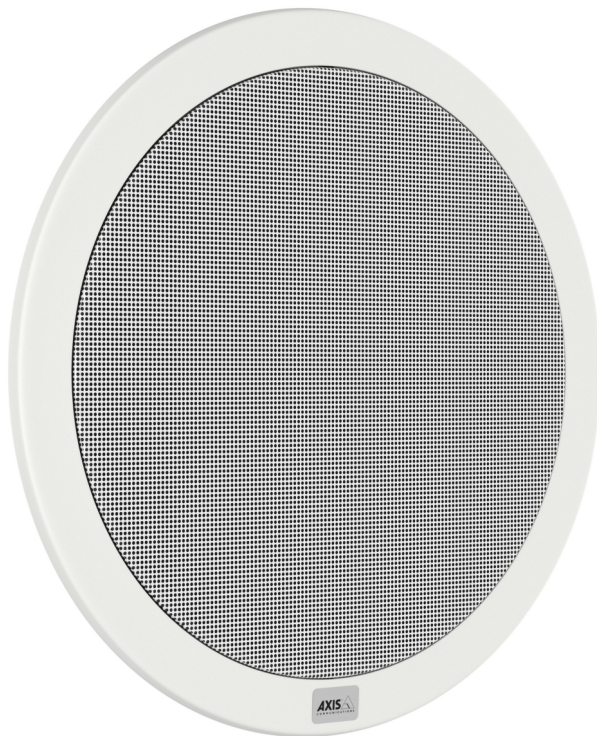


AXIS C2005 Network Ceiling Speaker

Audio made smart and easy

AXIS C2005 is an all-in-one speaker system connected with a single network cable. It delivers out-of-the-box-ready high-quality sound without any need for fine-tuning. Background music can be played via the preinstalled AXIS Audio Player application. You can create and schedule your own playlists from an onboard SD card or from audio streaming services. AXIS C2005 is also perfect for voice announcements (scheduled or live calls). The speakers can be zoned together thanks to built-in audio synchronization technology.

- > [Easy music streaming](#)
- > [Voice announcements](#)
- > [All-in-one speaker system](#)
- > [Quick installation with just one network cable \(PoE\)](#)
- > [Future-proof with openness and integration](#)



AXIS C2005 Network Ceiling Speaker

Audio		Built-in installation aids	Test tone verification and identification
Audio streaming	One-way/two-way ^a , mono	General	
Audio compression	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.	Casing	UL2043 Plenum rated Baffle: Steel plate Grille: Surface-treated steel plate Color: Off-white (RAL 9010 or equivalent) For repainting instructions and impact on warranty, contact your Axis partner. Speaker mounting method: Metal spring clamp
Audio input/output	Built-in microphone (can be disabled)	Memory	256 MB RAM, 256 MB Flash
Built-in microphone specification	50 Hz - 16 kHz	Power	Power over Ethernet (PoE) IEEE 802.3af/802.3af Type 1 Class 3 (max 12.95 W)
Speaker		Connectors	RJ45 10BASE-T/100BASE-TX PoE
Speaker component	20 cm (8 in) coaxial cone type	Storage	Support for microSD/microSDHC/microSDXC card For SD card and NAS recommendations see www.axis.com
Max sound pressure level	95 dB	Reliability	Designed for 24/7 operation.
Frequency response	45 Hz - 20 kHz	Operating conditions	-20 °C to 50 °C (4 °F to 122 °F) Humidity 10–85% RH (condensing)
Coverage pattern	130° coaxial	Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
Amplifier		Approvals	EMC EN 55022 Class A, EN 55032 Class A, EN 50121-4, IEC 62236-4, EN 61000-3-2, EN 61000-3-3, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, RCM AS/NZS CISPR 32 Class A, KN24, KCC KN32 Class A, KN35
Amplifier description	Built-in 6 W Class D amplifier	Safety	IEC/EN/UL 60950-1
Network		Environment	UL2045 (Plenum rating), IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-14, IEC/EN 60529
Security	Password protection, IP address filtering, HTTPS ^b encryption, IEEE 802.1X ^b network access control, Digest authentication, User access log, Centralized Certificate Management	Dimensions	Ø280 x 92 mm (11.02 x 3.62 in) Ceiling thickness for mounting: 5 - 25 mm (0.2 - 0.98 in) Dimensions for fixing hole: Ø250 mm \pm 3 mm (9.84 in \pm 0.12 in)
Supported protocols	IPv4/v6 ^c , HTTP, HTTPS ^b , SSL/TLS ^b , 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, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, NTCIP, SIP (Cisco, Asterisk)	Weight	1.7 kg (3.75 lb)
System integration		Included accessories	Installation Guide, AVHS authentication key, AXIS Camera Station license key
Music streaming	Music playback through AXIS Audio Player. Offline streaming from SD card and online streaming support.	Optional accessories	Safety wire kit For more accessories, see www.axis.com
Voice announcement	Pre-recorded voice announcements through AXIS Audio Player. Voice announcement through built-in SIP support for connection to any IP telephone /VoIP system and VAPIX support.	Video management software	AXIS Camera Station, Video management software from Axis' Application Development Partners available on www.axis.com/techsup/software
Application Programming Interface	Open API for software integration, including VAPIX [®] , AXIS Video Hosting System (AVHS) with One-click Connection, AXIS Camera Application Platform (ACAP), Support for SIP for integration with Voice over IP (VoIP) systems Support for Session Initiation Protocol (SIP) for integration with Voice over IP (VoIP) systems, peer to peer or integrated with SIP/PBX Tested with various SIP client such as Cisco, Bria and Grandstream. Tested with various PBX suppliers such as Cisco and Asterisk.	Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
Audio synchronization	Built-in audio synchronization for up to 16 speakers. No additional speaker management software or hardware required.	Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty
Intelligent audio	Auto Speaker Test (verification via built-in microphone)	<p>a. <i>This product supports two-way audio for sending audio to the speaker and receiving audio from the microphone. The product does not support two-way communication for conversations with speaker operators.</i></p> <p>b. <i>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 (eyay@cryptsoft.com).</i></p> <p>c. <i>Audio synchronization with IPv4 only.</i></p>	
Event triggers	Call, Virtual inputs, AXIS Camera Application Platform (ACAP)	Environmental responsibility:	
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	www.axis.com/environmental-responsibility	