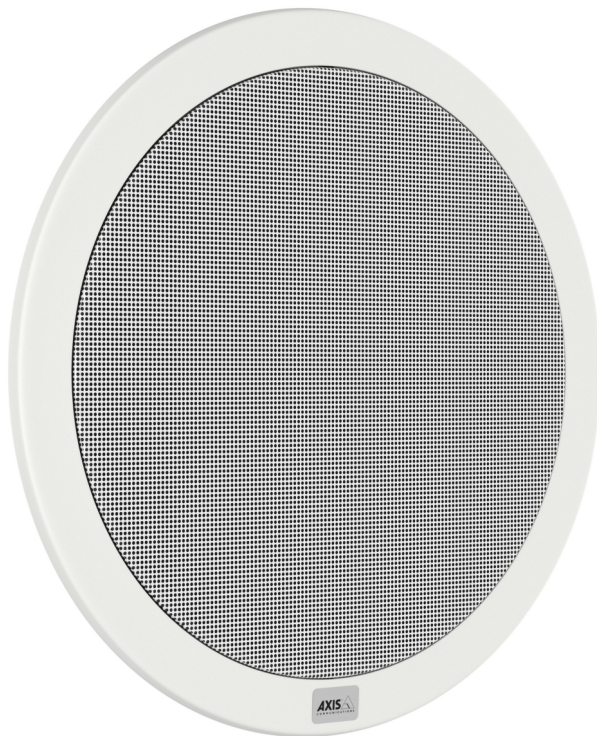


# AXIS C2005 Network Ceiling Speaker

Discreet speaker for voice messages

AXIS C2005 allows users to remotely warn off intruders before they commit a crime, to deliver instructions during an emergency or to make general voice messages. Built-in memory supports pre-recorded messages. Security staff 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 (supporting SIP). AXIS C2005 is a standalone unit that can be placed almost anywhere, which supports a flexible, scalable and cost-effective system. AXIS C2005 can easily be flush mounted, and its slim design makes it blend in with its surroundings.

- > **All-in-one speaker system**
- > **Connects to standard IT network**
- > **Simple installation with PoE**
- > **Remote health testing**
- > **SD card for audio content storage**



# AXIS C2005 Network Ceiling Speaker

<b>Audio</b>		<b>Event actions</b>	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
<b>Audio management</b>	Software applications for managing and controlling your audio system regardless of its size and complexity: – Included in the product (runs inside the device) is AXIS Audio Manager Edge, offering zone management, content management, content scheduling and health monitoring. Up to 200 speakers and 20 zones are supported (see separate datasheet for more details). – For larger and more advanced systems we recommend AXIS Audio Manager Pro (see separate datasheet).	<b>Built-in installation aids</b>	Test tone verification and identification
<b>Audio streaming</b>	One-way/two-way with optional half-duplex echo cancellation. Mono.	<b>General</b>	
<b>Audio encoding</b>	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.	<b>Casing</b>	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
<b>Audio input/output</b>	Built-in microphone (can be disabled)	<b>Memory</b>	256 MB RAM, 256 MB Flash
<b>Built-in microphone specification</b>	50 Hz - 16 kHz	<b>Power</b>	Power over Ethernet (PoE) IEEE 802.3af/802.3af Type 1 Class 3 (max 12.95 W)
<b>Speaker</b>		<b>Connectors</b>	RJ45 10BASE-T/100BASE-TX PoE
<b>Speaker component</b>	20 cm (8 in) coaxial cone type	<b>Storage</b>	Support for microSD/microSDHC/microSDXC card For SD card and NAS recommendations see <a href="http://axis.com">axis.com</a>
<b>Max sound pressure level</b>	95 dB	<b>Reliability</b>	Designed for 24/7 operation.
<b>Frequency response</b>	45 Hz - 20 kHz	<b>Operating conditions</b>	-20 °C to 50 °C (4 °F to 122 °F) Humidity 10–85% RH (condensing)
<b>Coverage pattern</b>	130° coaxial	<b>Storage conditions</b>	-40 °C to 65 °C (-40 °F to 149 °F)
<b>Amplifier</b>		<b>Approvals</b>	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 Safety IEC/EN/UL 60950-1, CNS 13438 Environment UL2043 (Plenum rating), IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-14, IEC/EN 60529 IP20
<b>Amplifier description</b>	Built-in 6 W Class D amplifier	<b>Dimensions</b>	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)
<b>Network</b>		<b>Weight</b>	1.7 kg (3.75 lb)
<b>Security</b>	Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1X <sup>a</sup> network access control, digest authentication, user access log, centralized certificate management	<b>Included accessories</b>	Installation Guide, AVHS authentication key, AXIS Camera Station license key
<b>Supported protocols</b>	IPv4/v6 <sup>b</sup> , HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</sup> , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP <sup>TM</sup> , 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, Asterisk)	<b>Optional accessories</b>	Safety wire kit For more accessories, see <a href="http://axis.com">axis.com</a>
<b>System integration</b>		<b>Video management software</b>	AXIS Camera Station, Video management software from Axis' Application Development Partners available at <a href="http://axis.com/vms">axis.com/vms</a>
<b>Application Programming Interface</b>	Open API for software integration, including VAPIX <sup>®</sup> , AXIS Guardian with One-click Connection, AXIS Camera Application Platform (ACAP).	<b>Languages</b>	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
<b>VoIP</b>	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	<b>Warranty</b>	5-year warranty, see <a href="http://axis.com/warranty">axis.com/warranty</a>
<b>Intelligent audio</b>	Auto Speaker Test (verification via built-in microphone)	a. <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 (eay@cryptsoft.com).</i> b. <i>Audio synchronization with IPv4 only.</i>	
<b>Event triggers</b>	Virtual inputs, AXIS Camera Application Platform (ACAP) Call: DTMF, state changes	Environmental responsibility: <a href="http://axis.com/environmental-responsibility">axis.com/environmental-responsibility</a>	