

# AXIS C1004-E Network Cabinet Speaker

## Audio made smart and easy

AXIS C1004-E 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 C1004-E is a standalone unit that can be placed almost anywhere, which supports a flexible, scalable and cost-effective system. The speaker can be installed indoors or on sheltered exterior of buildings. It can be mounted horizontally or vertically.

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



# AXIS C1004-E Network Cabinet Speaker

|                                   |  |                            |  |
|-----------------------------------|--|----------------------------|--|
| Models                            | AXIS C1004-E Network Cabinet Speaker White<br>AXIS C1004-E Network Cabinet Speaker Black   | Intelligent audio          | Auto Speaker Test (verification via built-in microphone)   |
| <b>Audio hardware</b>             |  | Event triggers             | Virtual inputs, AXIS Camera Application Platform (ACAP)<br>Call: DTMF, State changes   |
| Enclosure                         | Two-way bass-reflex type<br>Speaker component: 12 cm (4.72 in) dynamic cone speaker, 2.5 cm (0.98 in) balanced dome tweeter  | Event actions              | Play audio clip, send SNMP trap, send Auto Speaker Test, status LED<br>File upload via HTTP, network share and email<br>Notification via email, HTTP, HTTPS and TCP  |
| Max sound pressure level          | 96 dB  | Built-in installation aids | Test tone verification and identification  |
| Frequency response                | 60 Hz - 20 kHz   | <b>General</b>             |  |
| Coverage pattern                  | 130° horizontal by 100° vertical   | Casing                     | IP45- and NEMA 3R-rated<br>Plastic and metal casing<br>Colors: White NCS S 1002-B; black<br>For repainting instructions and impact on warranty, contact your Axis partner.   |
| 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)  |
| Amplifier description             | Built-in 6 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<br>Max. size 64 GB<br>For SD card recommendations see <a href="http://www.axis.com">www.axis.com</a>  |
| <b>Audio management</b>           |  | Reliability                | Designed for 24/7 operation.   |
| AXIS Audio Manager Edge           | Built-in:<br>– Content management for music and live/pre-recorded announcements.<br>– Scheduling to decide when and where to play specific content.<br>– Content prioritization to ensure urgent messages interrupt the schedule.<br>– Zone management allowing you to divide up to 200 speakers into 20 zones.<br>– Health monitoring for remote discovery of system errors.<br>– User management to control who has access to what features.<br>See separate datasheet for more details. | Operating conditions       | -20 °C to 50 °C (4 °F to 122 °F)<br>Humidity 10–85% RH (condensing)  |
| AXIS Audio Manager Pro            | For larger and more advanced systems. Sold separately. See separate datasheet for specifications.  | Storage conditions         | -40 °C to 65 °C (-40 °F to 149 °F)   |
| <b>Audio software</b>             |  | Approvals                  | <b>EMC</b><br>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<br><b>Safety</b><br>IEC/EN/UL 62368-1, IEC/EN/UL 60950-22, CNS 13438<br><b>Environment</b><br>IEC/EN 60529 IP45, IEC/EN 62262 IK10, NEMA 250 Type 3R, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-14 |
| Audio streaming                   | One-way/two-way with optional half-duplex echo cancellation. Mono.   | Dimensions                 | H x D x W (with bracket): 290 x 200 x 196 mm (11.4 x 7.9 x 7.7 in)   |
| Audio encoding                    | 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.  | Weight                     | 3.0 kg (6.61 lb)   |
| <b>Network</b>                    |  | Included accessories       | Installation Guide, AVHS authentication key, AXIS Camera Station license key, cable shoe, bracket with screws and washers, AXIS Connector Guard A  |
| Security                          | 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  | Optional accessories       | Safety wire kit<br>For more accessories, see <a href="http://www.axis.com">www.axis.com</a>  |
| Network protocols                 | IPv4/IPv6 <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, NTP, SIP (Cisco, Avaya, Asterisk)   | Video management software  | AXIS Camera Station, AXIS Companion, Video management software from Axis' Application Development Partners available on <a href="http://www.axis.com/techsup/software">www.axis.com/techsup/software</a>   |
| <b>System integration</b>         |  | Languages                  | English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese  |
| Application Programming Interface | Open API for software integration, including VAPIX <sup>®</sup> . One-click cloud connection, AXIS Camera Application Platform (ACAP).   | Warranty                   | 5-year warranty, see <a href="http://axis.com/warranty">axis.com/warranty</a>  |
| VoIP                              | Support for Session Initiation Protocol (SIP) for integration with Voice over IP (VoIP) systems. Peer to peer or integrated with SIP/PBX.<br>Tested with: SIP client such as Cisco, Bria and Grandstream and PBX suppliers such as Cisco and Asterisk.<br>Supported SIP features: secondary SIP server, IPv6, SRTP, SIPS, SIP TLS, DTMF (RFC2976 and RFC2833), NAT (ICE, STUN, TURN)<br>Supported codecs: PCMU, PCMA, opus, L16/16000, L16/8000, speex/8000, speex/16000, G.726-32         |                            |  |

- a. *This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. ([www.openssl.org](http://www.openssl.org)), and cryptographic software written by Eric Young ([ey@cryptsoft.com](mailto:ey@cryptsoft.com)).*  
b. *Audio synchronization with IPv4 only.*

Environmental responsibility:

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