

# AXIS C1004-E Network Cabinet Speaker

Audio made smart and easy

AXIS C1004-E 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 C1004-E 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 C1004-E Network Cabinet Speaker

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| <b>Models</b>                            | AXIS C1004-E Network Cabinet Speaker White<br>AXIS C1004-E Network Cabinet Speaker Black   | Notification via email, HTTP, HTTPS and TCP  |
| <b>Audio</b>                             |  | <b>Built-in installation aids</b>  |
| <b>Audio streaming</b>                   | One-way/two-way <sup>a</sup> , mono  | Test tone verification and identification  |
| <b>Audio compression</b>                 | 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>General</b>   |
| <b>Audio input/output</b>                | Built-in microphone (can be disabled)  | <b>Casing</b>  |
| <b>Built-in microphone specification</b> | 50 Hz - 16 kHz   | 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.   |
| <b>Speaker</b>                           |  | <b>Memory</b>  |
| <b>Enclosure</b>                         | 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  | 256 MB RAM, 256 MB Flash   |
| <b>Max sound pressure level</b>          | 96 dB  | <b>Power</b>   |
| <b>Frequency response</b>                | 60 Hz - 20 kHz   | Power over Ethernet (PoE) IEEE 802.3af/802.3af Type 1 Class 3 (max 12.95 W)  |
| <b>Coverage pattern</b>                  | 130° horizontal by 100° vertical   | <b>Connectors</b>  |
| <b>Amplifier</b>                         |  | RJ45 10BASE-T/100BASE-TX PoE   |
| <b>Amplifier description</b>             | Built-in 6 W Class D amplifier   | <b>Storage</b>   |
| <b>Network</b>                           |  | 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>Security</b>                          | Password protection, IP address filtering, HTTPS <sup>b</sup> encryption, IEEE 802.1X <sup>b</sup> network access control, Digest authentication, User access log, Centralized Certificate Management  | <b>Reliability</b>   |
| <b>Supported protocols</b>               | IPv4/v6 <sup>c</sup> , HTTP, HTTPS <sup>b</sup> , SSL/TLS <sup>b</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, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, NTCIP, SIP (Cisco, Avaya, Asterisk)   | Designed for 24/7 operation.   |
| <b>System integration</b>                |  | <b>Operating conditions</b>  |
| <b>Music streaming</b>                   | Music playback through AXIS Audio Player.<br>Offline streaming from SD card and online streaming support.  | -20 °C to 50 °C (4 °F to 122 °F)<br>Humidity 10–85% RH (condensing)  |
| <b>Voice announcement</b>                | 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.   | <b>Storage conditions</b>  |
| <b>Application Programming Interface</b> | Open API for software integration, including VAPIX <sup>®</sup> , 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<br>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 various SIP client such as Cisco, Bria and Grandstream.<br>Tested with various PBX suppliers such as Cisco and Asterisk. | -40 °C to 65 °C (-40 °F to 149 °F)   |
| <b>Audio synchronization</b>             | Built-in audio synchronization for up to 16 speakers <sup>d</sup> . No additional speaker management software or hardware required.  | <b>Approvals</b>   |
| <b>Intelligent audio</b>                 | Auto Speaker Test (verification via built-in microphone)   | EMC<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 |
| <b>Event triggers</b>                    | Call, Virtual inputs, AXIS Camera Application Platform (ACAP)  | <b>Safety</b><br>IEC/EN/UL 60950-1, IEC/EN/UL 60950-22   |
| <b>Event actions</b>                     | Play audio clip, send SNMP trap, send Auto Speaker Test, status LED<br>File upload via HTTP, network share and email   | <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   |
|  |  | <b>Dimensions</b>  |
|  |  | H x D x W (with bracket): 290 x 200 x 196 mm (11.4 x 7.9 x 7.7 in)   |
|  |  | <b>Weight</b>  |
|  |  | 3.0 kg (6.61 lb)   |
|  |  | <b>Included accessories</b>  |
|  |  | Installation Guide, AVHS authentication key, AXIS Camera Station license key, cable shoe, bracket with screws and washers, AXIS Connector Guard A  |
|  |  | <b>Optional accessories</b>  |
|  |  | Safety wire kit<br>For more accessories, see <a href="http://www.axis.com">www.axis.com</a>  |
|  |  | <b>Video management software</b>   |
|  |  | AXIS Camera Station, 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>Languages</b>   |
|  |  | English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese  |
|  |  | <b>Warranty</b>  |
|  |  | Axis 3-year warranty and AXIS Extended Warranty option, see <a href="http://www.axis.com/warranty">www.axis.com/warranty</a>   |

- 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.
- 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)).
- Audio synchronization with IPv4 only.
- 16 speakers at product launch. The number of supported speakers will be increased in upcoming firmware upgrades.

#### Environmental responsibility:

[www.axis.com/environmental-responsibility](http://www.axis.com/environmental-responsibility)