

# AXIS C8033 Network Audio Bridge

## Versatile audio link

AXIS C8033 Network Audio Bridge is a smart solution for connecting and combining analog and digital audio systems. With this scalable and cost-efficient product, you can connect analog audio sources to Axis network speaker system, connect digital audio sources to an analog speaker system, or combine analog and digital speaker systems to act as one. Based on open standards, the audio bridge is easily integrated with other systems. It is small, easy to place, and easy to connect using Power over Ethernet.

- > **Combines analog and network audio systems**
- > **Get the benefit of network audio**
- > **PoE for easy installation**
- > **Based on open standards**
- > **Easy integration with other IT systems**



# AXIS C8033 Network Audio Bridge

<b>Models</b>	AXIS C8033 Network Audio Bridge	<b>Color:</b> Black NCS S 9000-N For repainting instructions and impact on warranty, contact your Axis partner.
<b>Audio</b>		<b>Memory</b> 256 MB RAM, 512 MB Flash
<b>Audio streaming</b>	One-way/two-way <sup>a</sup> , mono	<b>Power</b> 8–28 V DC, max 4 W typical 1.85 W Power over Ethernet (PoE) IEEE 802.3af/802.3af Type 1 Class 2 (max 4 W)
<b>Audio compression</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>Connectors</b> RJ45 10BASE-T/100BASE-TX PoE I/O: 4-pin 2.5 mm terminal block for two configurable inputs/outputs Power: 2-pin 5.0 mm terminal block DC input Audio: 3 pole 3.5 mm, RCA line out
<b>Audio input/output</b>	Mic-in, line-in, line-out	<b>Storage</b> Support for microSD/microSDHC/microSDXC card Max. size 64 GB For SD card recommendations see <a href="http://www.axis.com">www.axis.com</a>
<b>Frequency response</b>	20 Hz - 20 kHz	<b>Reliability</b> Designed for 24/7 operation.
<b>Maximum output voltage</b>	0.91 V <sub>rms</sub>	<b>Operating conditions</b> -20 °C to 50 °C (4 °F to 122 °F) Humidity 10–85% RH (condensing)
<b>Maximum input voltage</b>	2.2 V <sub>rms</sub>	<b>Storage conditions</b> -40 °C to 65 °C (-40 °F to 149 °F)
<b>Network</b>		<b>Approvals</b> EMC EN 55032 Class A, EN 61000-3-2, EN 61000-3-3, EN 55035, 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, Safety IEC/EN/UL 62368-1
<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>Environment</b> IEC/EN 60529 IP20, UL2043 Plenum rated, NEMA 250 Type 1, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27
<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)	<b>Dimensions</b> H x D x W: 24 x 57 x 129 mm (1 x 2.2 x 5.1 in)
<b>System integration</b>		<b>Weight</b> 102 g (0.22 lb)
<b>Music streaming</b>	Music playback through AXIS Audio Player. Offline streaming from SD card and audio-in, online streaming support. Audio-in connector can be used as a streaming source.	<b>Included accessories</b> Installation Guide, AVHS authentication key, Digital AXIS Camera Station license key, power connector, I/O connector, hook-and-loop fastener
<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>Optional accessories</b> Power supply For more accessories, see <a href="http://www.axis.com">www.axis.com</a>
<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 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.	<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>Audio synchronization</b>	Built-in audio synchronization for up to 50 speakers with unicast and hundreds of speakers with multicast. No additional speaker management software or hardware required.	<b>Languages</b> English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
<b>Event triggers</b>	Call, Virtual inputs, External input, AXIS Camera Application Platform (ACAP)	<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>
<b>Event actions</b>	Play audio clip, send SNMP trap, status LED File upload via HTTP, network share and email Notification via email, HTTP, HTTPS and TCP External output activation	
<b>Built-in installation aids</b>	Test verification and identification	
<b>General</b>		
<b>Casing</b>	IP20-rated Plastic and metal casing	

- This product supports two-way audio, audio in and audio out. The product does not support two-way communication for conversations.
- 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 ([eyay@cryptsoft.com](mailto:eyay@cryptsoft.com)).
- Audio synchronization with IPv4 only.

Environmental responsibility:

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