

# AXIS C6110 Network Paging Console

Flexible, customizable paging solution

AXIS C6110 Network Paging Console complements your network speakers to create a complete public address system that enables live paging, prerecorded callouts, and two-way audio. Configure as many zones as needed in the web interface, using the expandable tree structure. Then, to page, navigate to the right zone using the console's color LCD and twelve physical buttons. You can also configure buttons to trigger actions on other IoT devices – for example, doors or lights. The console can be wall-mounted or placed on a desktop, where you can use it as-is, with an external headset, or with AXIS TC6901 Gooseneck Microphone.

- > **Enables live and prerecorded callouts**
- > **Reach all the audio zones you need**
- > **Web-configurable display**
- > **Two-way audio**
- > **Easy installation with PoE**



# AXIS C6110 Network Paging Console

## Capabilities

**Typical use cases** Live paging, play pre-recorded messages, two-way communication with speakers and SIP devices  
Navigate several pages of audio zones for paging

## Hardware

**Audio output** Built-in broadband speaker, diameter: 42 mm (1.65 in)  
Max sound pressure level: 80 dB

**Audio input** Built-in microphone

**Connectors** XLR input for AXIS TC6901 Gooseneck Microphone  
3.5 mm input for headset (support for 3 and 4 rings)  
RJ45 10BASE-T/100BASE-TX/1000BASE-T PoE

**User interface** Configurable soft keys: Can be configured for paging, calling and announcements. RGB back light.  
Volume buttons: Adjust the volume in internal speaker or headset.  
Push-to-talk button: For paging. RGB back light.  
Microphone status LED

**Display and indicators** Display size: 7 inch  
Display resolution: 1024 x 600  
Display view angle: Full angle  
Configurable. Automatic back light with ambient light sensor.  
Display sleep mode for saving power.

**Digital signal processing** Built-in and pre-configured

**Casing** Plastic casing with aluminum chassis  
Color: black

**Dimensions** Height: 67 mm (2.6 in)  
Width: 295 mm (11.6 in)  
Length: 132 mm (5.2 in)

**Weight** 910 g (2.0 lbs)

**Mounting option** Desk or wall mount

## Audio software

**Audio features** Echo cancellation, noise reduction, beam forming

**Audio streaming** Two-way (full duplex)

**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, Opus 8/16/48 kHz  
MP3 in mono/stereo from 64 kbps to 320 kbps.  
Constant and variable bit rate.  
Sampling rate from 8 kHz up to 48 kHz.

## System on chip (SoC)

**Model** i.MX 8M Mini

**Memory** 1024 MB RAM, 1024 MB Flash

## Network

**Network protocols** IPv4/v6<sup>a</sup>, HTTP, HTTPS, SSL/TLS, 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, Avaya, Asterisk)

## System integration

**Application Programming Interface** Open API for software integration, including VAPIX<sup>®</sup>. One-click cloud connection, AXIS Camera Application Platform (ACAP).

**VoIP** Support for Session Initiation Protocol (SIP) for integration with Voice over IP (VoIP) systems. Peer to peer or integrated with SIP/PBX.  
Tested with 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, G.722

**Event conditions** Audio: audio clip playing, audio detection  
Call: state, state change  
Device status: IP address blocked, IP address removed, live stream active, network lost, new IP address, system ready  
Edge storage: recording ongoing, storage disruption, storage health issues detected  
I/O: digital input is active, manual trigger, virtual input is active  
MQTT: stateless

Scheduled and recurring: schedule

**Event actions** Audio clips: play, play while the rule is active, stop playing  
Calls: answer, end, make  
I/O: toggle I/O once, toggle I/O while the rule is active  
LEDs: flash status LED, flash status LED while the rule is active  
MQTT: send MQTT publish message  
Notifications: HTTP, HTTPS, TCP and email  
Recordings: record audio, record audio while the rule is active  
SNMP traps: send message, send message while the rule is active

## Approvals

**EMC** CISPR 35, CISPR 32 Class A, CISPR 32:2015/AMD1:2019 Class A, EN 55035, EN 55032 Class A, EN 61000-6-1, EN 61000-6-2  
Australia/New Zealand: RCM AS/NZS CISPR 32 Class A  
Canada: ICES-3(A)/NMB-3(A)  
Japan: VCCI Class A  
Korea: KS C 9835, KS C 9832 Class A  
USA: FCC Part 15 Subpart B Class A, shielded and unshielded cable

**Safety** CAN/CSA C22.2 No. 62368-1, IEC/EN/UL 62368-1 ed. 3, KC-Mark

**Environment** IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-14

**Cybersecurity** ETSI EN 303 645

## Cybersecurity

**Edge security** Software: Signed OS, brute force delay protection, digest authentication and OAuth 2.0 RFC6749 OpenID Authorization Code Flow for centralized ADFS account management, password protection  
Hardware: Axis Edge Vault cybersecurity platform, secure boot

**Network security** IEEE 802.1X (EAP-TLS, PEAP-MSCHAPv2), IEEE 802.1AR, HTTPS/HSTS, TLS v1.2/v1.3, Network Time Security (NTS), X.509 Certificate PKI, host-based firewall

**Documentation** *AXIS OS Hardening Guide*  
*Axis Vulnerability Management Policy*  
*Axis Security Development Model*  
AXIS OS Software Bill of Material (SBOM)  
To download documents, go to [axis.com/support/cybersecurity/resources](https://axis.com/support/cybersecurity/resources)  
To read more about Axis cybersecurity support, go to [axis.com/cybersecurity](https://axis.com/cybersecurity)

## General

**Power** Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3 (max 12.95 W)  
Typical power consumption: 6 W  
Max power consumption: 9.5 W

**Reliability** Designed for 24/7 operation.

**Storage** Support for microSD card

**Operating conditions** 0 °C to 50 °C (32 °F to 122 °F)  
Humidity 10–85% RH (condensing)

**Storage conditions** -30 °C to 65 °C (-22 °F to 149 °F)  
Humidity 10–95% RH (non-condensing)

**Box content** Paging console, installation guide, owner authentication key

**Optional accessories** AXIS TC6901 Gooseneck Microphone

**System tools** AXIS Site Designer, AXIS Device Manager, product selector, accessory selector, lens calculator  
Available at [axis.com](https://axis.com)

**Video management software** AXIS Camera Station, video management software from Axis' Application Development Partners available on [axis.com/techsup/software](https://axis.com/techsup/software)

**Languages** Display interface: English, German, French, Spanish, Italian  
Configuration interface: English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Polish, Traditional Chinese, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese

**Warranty** 5-year warranty, see [axis.com/warranty](https://axis.com/warranty)

## Sustainability

**Substance control** PVC free  
RoHS in accordance with EU RoHS Directive 2011/65/EU and EN 63000:2018

REACH in accordance with (EC) No 1907/2006. For SCIP UUID, see [echa.europa.eu](http://echa.europa.eu)

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**Materials**

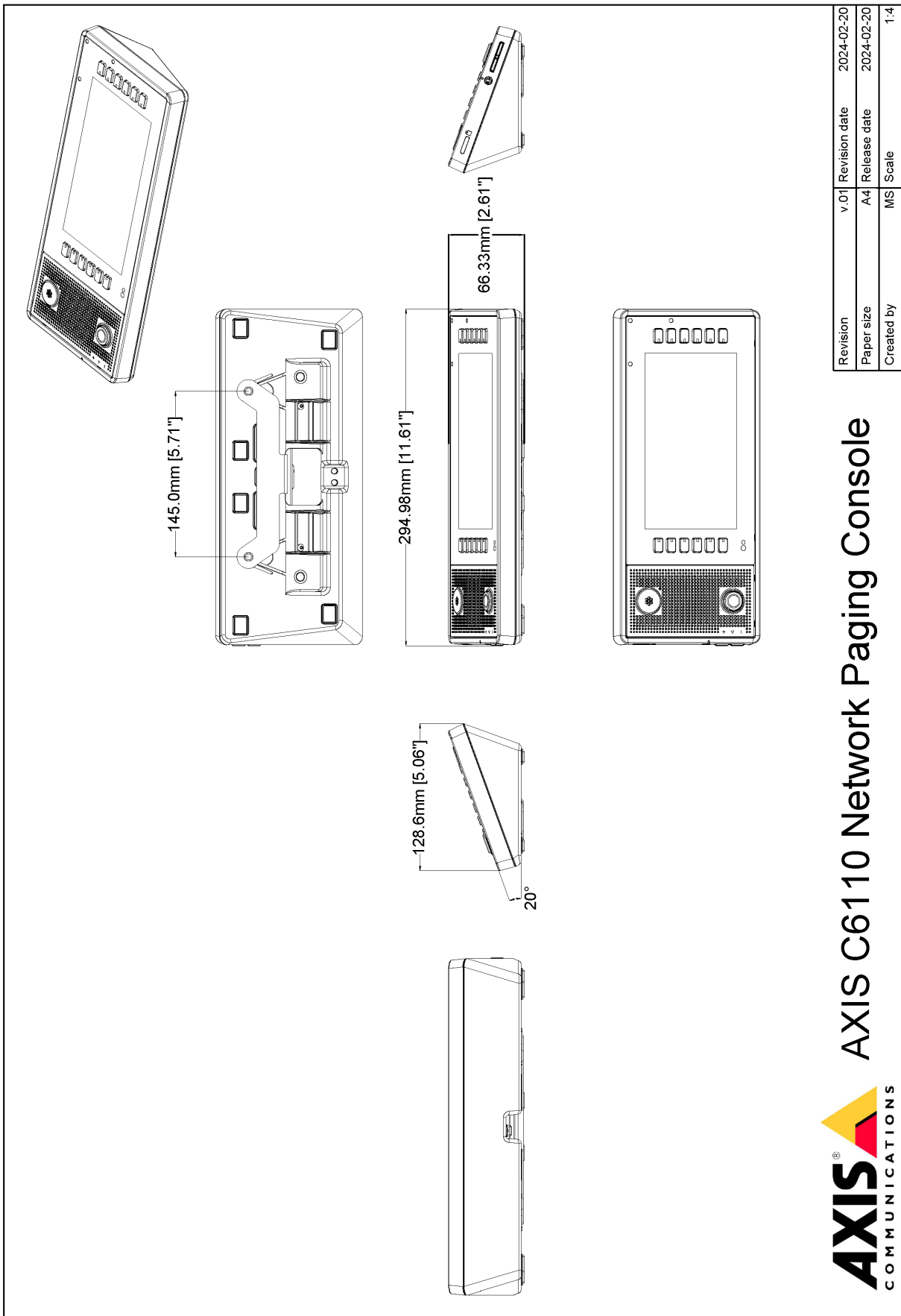
Renewable carbon-based plastic content: 50% (recycled: 50%, bio-based: 0%, carbon capture based: 0%)  
Screened for conflict minerals in accordance with OECD guidelines  
To read more about sustainability at Axis, go to [axis.com/about-axis/sustainability](http://axis.com/about-axis/sustainability)

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**Environmental responsibility**

[axis.com/environmental-responsibility](http://axis.com/environmental-responsibility)  
Axis Communications is a signatory of the UN Global Compact, read more at [unglobalcompact.org](http://unglobalcompact.org)

a. *Audio synchronization with IPv4 only.*



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