

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, two-way audio and live video. 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](#)
- > [Live video and two-way audio communication](#)
- > [Web-configurable display](#)
- > [Easy installation with PoE](#)
- > [Reach all the audio zones you need](#)



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

Output

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

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
6-pin 2.5 mm terminal block for 2x configurable I/Os
USB 2.0 Type-A port (disabled, reserved for future use)

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

Video

Video compression

H.264 (MPEG-4 Part 10/AVC) Baseline, Main, and High Profiles
VP8
VP9

Resolution

Up to 1920x1080

Frame rate

Up to 30 fps

Audio software

Features

Echo cancellation, noise reduction, beam forming

Streaming

Two-way (full duplex)

Encoding

AAC LC 8/16/32/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Axis μ -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/v6¹, HTTP, HTTPS², SSL/TLS², QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, PTP, 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® and AXIS Camera Application Platform (ACAP); specifications at axis.com/developer-community. One-click cloud connection

Video management systems

Compatible with AXIS Camera Station Edge, AXIS Camera Station Pro, AXIS Camera Station 5, and video management software from Axis' partners available at axis.com/vms.

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, BSI IT Security Label, FIPS-140

Cybersecurity

Edge security

Software: Signed OS, brute force delay protection, digest authentication and OAuth 2.0 RFC6749 Client Credential Flow/OpenID Authorization Code Flow for centralized ADFS account management, password protection, Axis Cryptographic Module (FIPS 140-2 level 1)
Hardware: Axis Edge Vault cybersecurity platform, secure boot

1. Audio synchronization with IPv4 only.
2. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (openssl.org), and cryptographic software written by Eric Young (eay@cryptsoft.com).

Network security

IEEE 802.1X (EAP-TLS, PEAP-MSCHAPv2)³, IEEE 802.1AR, HTTPS/HSTS³, TLS v1.2/v1.3³, 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

To read more about Axis cybersecurity support, go to 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

Max. size 1 TB

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

Languages

Display interface: English, German, French, Spanish, Italian, Simplified Chinese, Japanese, Korean, Traditional Chinese, Thai, Vietnamese

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

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

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

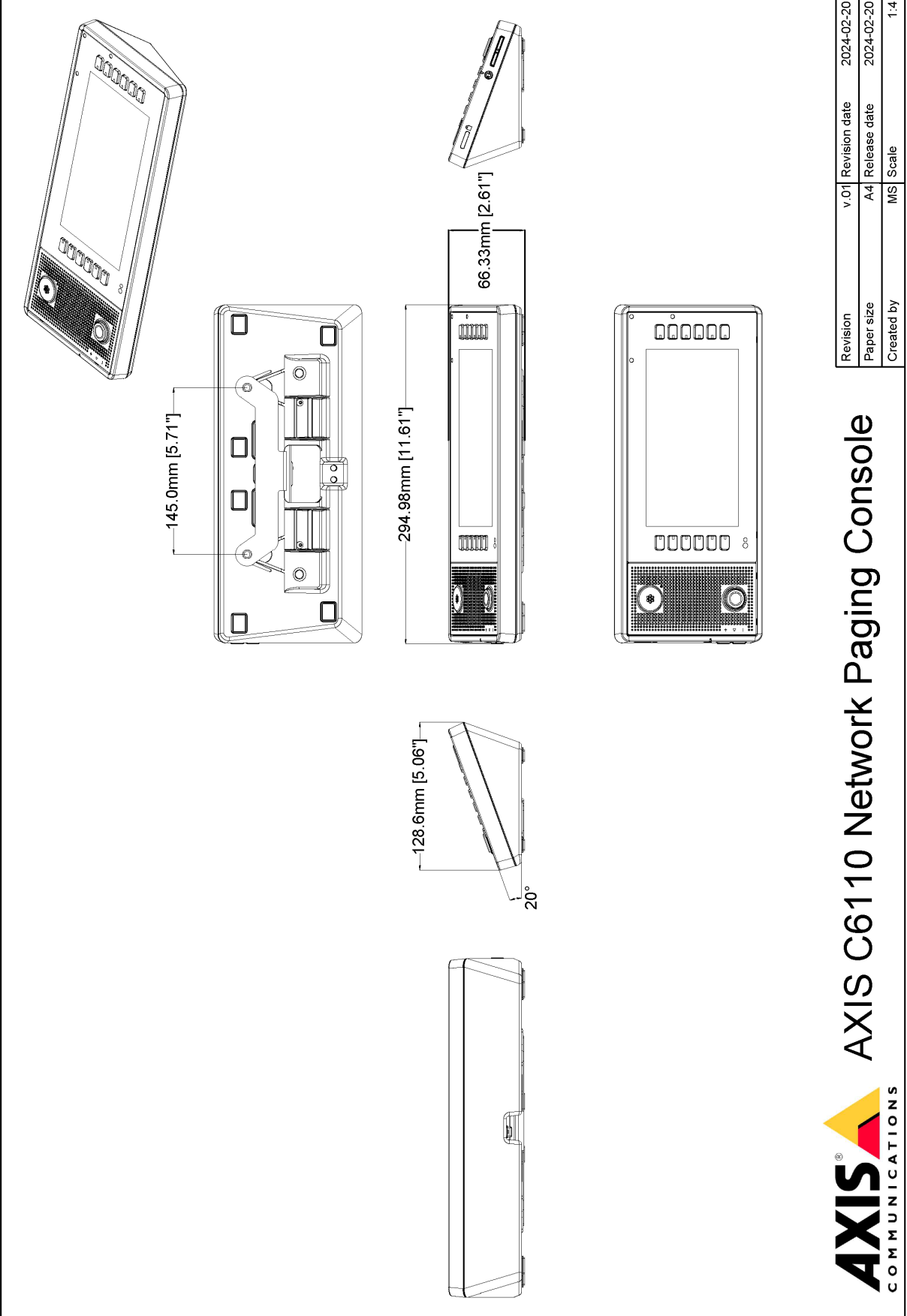
To read more about sustainability at Axis, go to axis.com/about-axis/sustainability

Environmental responsibility

axis.com/environmental-responsibility

Axis Communications is a signatory of the UN Global Compact, read more at unglobalcompact.org

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