



Video Conferencing Endpoint (H.323/SIP)

DATA SHEET



1080P



Integrated
Conference



Video
4 in 2 out



Audio
6 in 4 out



IR
Infrared
Passthrough

4K Intelligent Video Conferencing Endpoint

CX200-C

The CX200-C is a new 1080P ultra-high-definition video conferencing endpoint, crafted specifically for various meeting scenarios such as government and corporate meetings, emergency command, telemedicine, and remote education. Powered by the latest generation processor, it offers smooth and stable operation for video conferencing systems. The CX200-C features four video input and two output interfaces, along with six audio input and four output interfaces, meeting the connectivity needs of diverse meeting settings and ensuring the secure and stable operation of remote conferences.



Features

Integrated Conference

Support Tencent Meeting Rooms and WeConf private cloud conferences, compatible with standard SIP and H.323 private network conferences, compatible with industry mainstream standard terminals

Built-in MCU

Features an integrated Multi-Point Control Unit (MCU) to meet the simple networking and rapid meeting needs of small and medium-sized businesses, enhancing communication and collaboration efficiency in small meetings.

Open API

Provides a fully open API to support third-party application development, facilitating easy customer customization.

Infrared Passthrough

The terminal supports serial port infrared signal reception, allowing remote control signal reception through specific camera models, enabling hidden conference terminal setups while maintaining full control.

Remote & Local Recording

Offers remote recording capabilities with just a PC for conference recording. Supports USB flash drive recording for plug-and-play operation, ensuring secure and confidential meeting records.

Bilingual Audio Simultaneous Transmission

Supports simultaneous input and output of two different languages, allowing for flexible mixing and encoding of dual-language audio.

Superior Packet Loss Resistance

Features FEC proprietary technology to address severe network packet loss, with up to 20% packet loss having no impact on the system and maintaining normal conference operation at 30% packet loss, effectively solving network jitter and packet loss issues.

Product Specification

Standard & Protocol

Multimedia Framework Protocol : ITU-T H.323, IETF SIP

Video Codec Protocol : H.261, H.263, H.263+, H.263++, H.264, H.264 High Profile, H.265

Audio Codec Protocol : G.711, G.722, G.722.1*, G.722.1C*, AAC-LD, G.726, SILK

Double Stream Protocol : ITU-T H.239, BFCP

Other Communication Protocols : H.221, H.224, H.225, H.235, H.241, H.245, H.281, H.350, H.460, T.140, DTMF

Network Transmission Protocols : TCP/IP, DHCP, SSH, HTTP, HTTPS with SSL/TLS, RTP, RTCP, RFC3261, RFC3264, RFC2190, RFC3407, RFC2833, RFC4585 (RTP/AVPF), SNTP, ARP



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Video Spec

Active Image Resolution

- 1080p, minimum bandwidth 512Kbps
- 720p, minimum bandwidth 384Kbps

Data Content Resolution

- Input: VGA (640×480), SVGA (800×600), XGA(1024×768), WXGA(1280×768), WXGA (1280×800), 1280×960, SXGA(1280×1024), 1360×768, 1366×768, 1440×900, 1600×900, 720p(1280×720), 1080p(1920×1080)
- Output: 800×600, 1024×768, 1280×1024, 1280×720, 1920×1080

Active Dual Stream 1080P60+1080P60

Other Image Feature Support PIP, POP and other display modes

Generic Spec

Dimension

- Device Dimension: 348mm (W) × 148mm (D) × 37mm (H)
- Package Dimension: 413mm (W) × 332mm (D) × 130mm (H)
- Weight
 - Net weight: 1.4 Kg
 - Gross weight: 2.2 Kg

- Power Supply
- Operating voltage: DC 12V/4.5A
 - Max. power consumption: 54W

Environmental Requirements

- Temperature: 0° C ~ 40° C (working condition), -40° C ~ 70° C (Non working state)
- Humidity: 10% ~ 80% (operating), 0% ~ 95% (non-operating)

Certification and Standards

China Telecom Network Access, CQC, CE, RoHS, FCC

Audio Spec

Audio Spec

- Acoustic Echo Cancellation (AEC)
- Automatic Gain Control (AGC)
- Automatic Noise Suppression (ANS)
- Lip-Sync Supported

Bandwidth

- IP 64kbps ~ 8Mbps

I/O

Audio Input Interface (6 input)

- 1 × 3.5mm line input, 1 × XLR, 1 × RJ45 digital microphone, 1 × USB, 2 × HDMI Audio

Audio Output Interface (4 output)

- 1 × 3.5mm line out, 2 × HDMI, 1 × USB

Video Input Interface (4 input)

- 2 × HDMI, 1 × USB, 1 × VIDEO(POE TOUCH)

Video Output Interface(2 output)

- 2 × HDMI, USB Interface 2 × USB3.0 (USB flash disk supported, USB Microphone etc)

Network Interface

- 2 × RJ45: 10/1000 Base-T

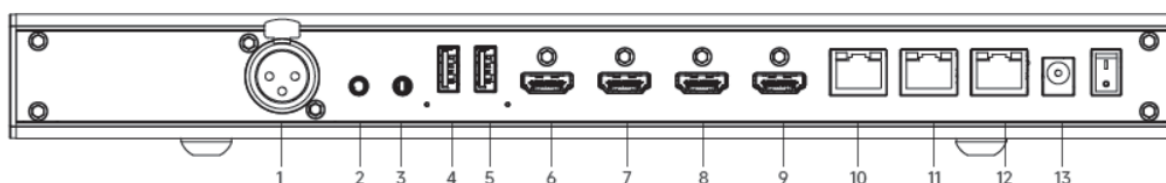
Touch/DMIC Interface

- 1 × Wireless: 802.11 b/g/n Wifi optional

Others

- OLED display IP and registration number, wireless casting, 1080P dual-screen heterodyne display, 1 × RS232(Support infrared transmission)

Interface Diagram



- 1 — MIC IN
- 2 — AUDIO IN
- 3 — AUDIO OUT
- 4 — USB
- 5 — USB

- 6 — HDMI OUT
- 7 — HDMI OUT
- 8 — HDMI IN
- 9 — HDMI IN
- 10 — RS232

- 11 — NET
- 12 — POE
- 13 — DC12V



Advanced and professional AV Integration and conference solution supplier

Specifications may be subject to change without notice.

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