

Video Conferencing Endpoint (H.323/SIP)

All-in-One 4K Video Conferencing Endpoint UAI4CX210



4K all-in-one endpoint, equipped with ~12X lens and high quality 4K CMOS sensor, support dual 4K30 streaming, best choice for enterprise/government collaboration, online health-care, online teaching/learning and conferencing.



Features

4K 30fps

Equipped with an 8.51 megapixel CMOS sensor chip, it supports the latest H.265 video encoding and decoding, providing high-definition and smooth performance at a bandwidth of 2Mbps 4K@30fps Screen. Supports 4K30+4K30 encoding capabilities, with delicate colors and rich layers, providing you with an exquisite on-site meeting experience.

Excellent Camera

Electric mechanical pan tilt, 12X optical zoom, providing high-speed and stable autofocus lens, free remote control for far and near video shooting, easy to locate distant scenes, and experience ultra long distance delicate effects.

Integrated Dual Microphone

Built in dual microphones, precise pickup using beamforming algorithm, unique noise suppression algorithm, making the speaker's voice clearer and more realistic, with pickup distances up to 6 meters.

Dual Screen Display

Supports two high-definition video outputs, and can be connected to two large screen display devices at the same time. According to the conference scene, two large screen display devices can simultaneously output different images, improving the conference experience.

Product Specification

Standard & Protocol

Multimedia Framework Protocol	ITU-T H.323, IETF SIP
Video Codec Protocol	H.265, H.264 HP, H.264 BP, H.263, H.263+
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, IETF 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, TR069, RTMP
Network Transmission Protocols	TCP/IP, DHCP, SSH, HTTP, HTTPS with SSL/TLS, RTP, RTCP, RFC3261, RFC3264, RFC2190, RFC3407, RFC2833, RFC4585(RTP/AVPF), SNMP, ARP

Video Features

Active Image Resolution	4K30, 1080P60, 1080P30, 720P60, 720P30
Data Content Resolution	HDMI Input: VGA (640×480) 60fps, SVGA (800×600) 60fps, XGA(1024×768) 60fps, WXGA(1280×768) 60fps, WXGA (1280×800) 60fps, 1280×960 60fps, SXGA(1280×1024) 60fps, 1360×768 60fps, 1366×768 60fps, 1440×900 60fps, 1600×900 60fps, 720P(1280×720) 60fps, 1080P(1920×1080) 24/25/30/50/60fps, 4K(3840×2160) 25/30fps; Output: 1920×1080, 3840×2160
Active Double Stream	4K30 + 4K30

Camera Performance

Sensor	1/2.5 inches, CMOS, Effective Pixel: 8.51M
Lens	f = 3.47mm ~ 41.65mm, F1.84 ~ F3.72
Optical Zoom	12×
Horizontal FOV	71° ~ 8.2°
Vertical FOV	49.9° ~ 4.3°
Pan Angle	+/-170°
Tilt Angle	-30 ~ +30°

Reliability & Security

Network Adaptability	Video Forward Error Correction (FEC), Packet Loss Retransmission (ARQ) Automatic speed increase and decrease
Security Management	•H.235 signaling and media stream encryption(AES-128, AES-256) •TLS and SRTP •Administrator password: SSH/HTTPS
NAT/Firewall Traversal	H.460, ICE, NAT

Bandwidth

IP	64kbps ~ 8Mbps
----	----------------

I/O

Video Input Interface	1 × HDMI; 1 × Built-in 4K camera
Video Output Interface	2 × HDMI
Audio Input Interface	1 × Built-in microphone 1 × mini xlr 1 × 3.5mm 1 × USB 3.0 1 × HDMI Embedded audio 1 × DMIC
Audio Output Interface	1 × 3.5mm; 1 × USB 3.0
Network Interface	2 × HDMI 1 × RJ45 (10/100/1000M LAN)
Conference control interface	1 × RJ45 Touch
Other Interface	3 × USB 1 × TF 1 × WIFI 1 × Bluetooth

Conferencing Features

Language	Simplified Chinese, Traditional Chinese, English, Polish, etc.
Contacts and Call History	10,000 local contacts and call records
Featured Functions	<ul style="list-style-type: none"> •Auxiliary flow accompanying sound; •Infrared penetration; • Time switch; •Support DNS SRV; • Incoming password; •Asymmetric bandwidth; •USB microphone access; •Two or three split screen display; •Network address book; •Built in MCU (optional); •Support web control; •Network upgrade; •Wi Fi access (optional); •RS232/USB serial API control; •Automatic standby and automatic wake-up of incoming calls; •Automatically obtain static NAT addresses; •Picture in Picture (1/16 screen size), Picture beside Picture; •Support third-party integrated development API interfaces; •GB/T 28181 Video Surveillance (optional)

Generic Spec

Power	100v~240v AC
Power Consumption	36W
Dimension	258mm (W) × 146mm(D) × 170mm (H)
Weight	2.5KG
Certification and Standards	CQC, CTA

Interface Diagram

