

Refurbished CISCO CS-CODEC-PLUS Datasheet

CISCO > COLLABORATION-ENDPOINTS

Cisco Webex Room Series

Specifications	
Specification	
Software compatibility	Cisco Collaboration Endpoint Software Version 9.0 or later, or Cisco Webex Room OS
Default components in Cisco Webex Room Kit Plus	Cisco Webex Codec Plus Cisco Webex Quad Camera Cisco Touch 10 control unit Wall mount for Quad Camera
Optional hardware components	Cisco Table Microphone 20, Wall mount for Codec Plus, cables
Bandwidth	Up to 6 Mbps point-to-point
Minimum bandwidth for resolution/frame rate	H.264 720p30 from 768 kbps 720p60 from 1152 kbps 1080p30 from 1472 kbps 1080p60 from 2560 kbps
Firewall traversal	Cisco Expressway technology H.460.18, H.460.19 firewall traversal
Video standards	H.264, H.265
Video inputs	One HDMI input supports formats up to maximum 1080p60 Two HDMI inputs support formats up to maximum 4K (3840 x 2160) at 30 fps including HD1080p60 Consumer Electronics Control (CEC) 2.0
Video outputs	Two HDMI outputs support formats up to 3840 x 2160p60 (4Kp60) Live video resolutions (encode and decode) up to 1920 x 1080p60 (HD1080p) Consumer Electronics Control (CEC) 2.0
Audio standards	G.711, G.722, G.722.1, G.729, AAC-LD, and Opus
Audio features	High-quality 20 kHz audio Subwoofer line out for Quad Camera Prepared for inductive loop (line out) Automatic Gain Control (AGC) Automatic noise reduction Active lip synchronization
Audio inputs	Three microphones, 4-pin mini-jack Two audio in from HDMI
Audio outputs (external)	1 line out mini-jack (stereo) (Codec Plus) 1 RCA output for subwoofer (Quad Camera) 2 HDMI outputs HDMI input #1 supports Audio Return Channel (ARC): Audio output to Quad Camera speakers
Speakers (internal)	High-quality speakers Frequency response: 70 Hz to 20 kHz Max output level SPL 90dB
Speaker tracking	6-element microphone array for accurate speaker tracking
Dual stream	H.239 (H.323) dual stream Binary Floor Control Protocol (BFCP) (SIP) dual stream Support resolutions up to 3840 x 2160p5 (4Kp5) and 1080p30
Wireless sharing	Cisco Webex Teams app (up to 3840 x 2160p5) Cisco Intelligent Proximity client (up to 1920 x 1080p5)
Multipoint support	4-way embedded SIP/H.323 conferencing capability with MultiSite option

MultiSite features (embedded multipoint) (optional upgrade)	Adaptive SIP/H.323 MultiSite 3-way resolution up to 1080p30 + content up to 4Kp5 4-way resolution up to 720p30 + content up to 4Kp5 Full individual audio and video transcoding H.323/SIP/VoIP in the same conference Support for presentation (H.239/BFCP) from any participant at resolutions up to 3840 x 2160p5 Best Impression (automatic continuous presence layouts) Encryption and dual stream from any site
Protocols	H.323 SIP Cisco Webex
Embedded encryption	H.323 and SIP point-to-point Standards-based: H.235 v3 and Advanced Encryption Standard (AES) Automatic key generation and exchange
IP network features	DNS lookup for service configuration Differentiated services (Quality of Service [QoS]) IP-adaptive bandwidth management (including flow control) Automatic gatekeeper discovery Dynamic playout and lip-sync buffering H.245 Dual-Tone Multi-Frequency (DTMF) tones in H.323 RFC 4733 DTMF tones in SIP Date and time support using Network Time Protocol (NTP) Media adaption and resilience Uniform Resource Identifier (URI) dialing Dynamic Host Configuration Protocol (DHCP) 802.1X network authentication 802.1Q Virtual LAN 802.1p (QoS and Class of Service [CoS])
Call control	Cisco Unified Communications Manager (CUCM) Native registration CUCM Requires CUCM Version 10.5.2 or later with device pack Room Kit Plus Cisco Expressway Native registration with Expressway Cisco Webex Third-party H.323 Gatekeepers and standards-based SIP proxies
IPv6 network support	Single call stack support for both H.323 and SIP Dual-stack IPv4 and IPv6 for DHCP, SSH, HTTP, HTTPS, DNS, DiffServ Support for both static and automatic IP configuration (stateless address auto configuration)
Security features	Management using HTTPS and SSH IP administration password Menu administration password Disable IP services Network settings protection
Certificate management	Certificate Authority Proxy Function (CAPF) support for additional security Manufacturer-Installed Certificates (MIC) Locally Significant Certificates (LSC) X.509 Digital Certificates (DER encoded binary); both DER and Base-64 formats are acceptable for the client and server certificates; certificates with a key size of 1024, 2048, and 4096 are supported
Other interfaces	USB 2.0 port, uUSB, factory reset pinhole
Power supplies (2)	100 to 240 VAC, 50/60 Hz, 12V DC input Average 20 W, peak 70W Quad camera must be used with power supply FSP FSP070-AHAN2 or AcBel ADF019
Operating temperature and humidity	0°C to 35°C (32°F to 95°F) ambient temperature 10% to 90% Relative Humidity (RH)
Storage and transport temperature	-20°C to 60°C (-4°F to 140°F) at RH 10% to 90% (noncondensing)
Locking mechanism	Kensington security lock
Dimensions	Quad Camera: Width: 37.4 in. (95.0 cm) Height: 4.7 in. (12.0 cm) Depth: 4.0 in. (10.3 cm) Weight: 10.6 lb. (4.8 kg) Codec Plus: Width: 14.1 in. (35.9 cm) Height: 1.7 in. (4.3 cm) Depth: 5.6 in. (14.3 cm) Weight: 3.9 lb. (1.77 kg)
Camera overview	5K Ultra HD camera Support up to 60 fps 15.1 MP image sensor 1/1.7 CMOS

5x digital zoom (3 tele-lenses each with 50° horizontal field of view)
f/2.0 aperture
83° horizontal field of view; 51.5° vertical field of view
Auto-framing (audio + face detect)
5120 x 2880 pixel resolution
Auto focus, brightness, and white balance
Focus distance 1 m to infinity

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