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Refurbished CISCO CTI-4203-MCU-K9 Datasheet

CISCO > CONFERENCING

Cisco TelePresence MCU 4200 Series

Cisco TelePresence MCU 4200 Series Feature Summary

Feature	Benefit
Design Features	Standards-based and compatible with all major vendors' endpoints Easy-to-use, versatile, management interface Up to 40 video plus 40 voice ports More than 50 custom layouts Comprehensive wideband audio support Support for both Session Initiation Protocol (SIP) and H.323 endpoints Compact size: One rack unit (1U) tall and 19-in. rack-mountable
Application Features	Supports Cisco TelePresence ConferenceMe for multipoint desktop video Integrated with Cisco TelePresence Management Suite Offers full interoperability with ISDN networks using standalone Cisco TelePresence ISDN Gateways Compatible with Microsoft Office Communications Server Fully integrated, with built-in gatekeeper and streaming server Supports Cisco PacketSafe technology, which minimizes effects of network packet loss Supports Cisco TelePresence Multiway technology
Performance Features	Cisco TelePresence Universal Port technology, which ensures each participant receives an excellent experience Constant high capacity Bandwidth per site up to 4 Mbps Video resolutions: 720p at up to 15 fps, and 480p at up to 30 fps Standard-definition continuous presence Latency as low as 60 ms

Cisco TelePresence MCU 4200 Series Models

Continuous Presence Video Participants2	6
Additional Voice Participants	6
Video Streaming Unicast/ Multicast	24/unlimited

Product Specifications

Product Compatibility	Standards-based and compatible with all major vendors' endpoints
Universal Transcoding and Transrating	All calls are automatically transcoded and transrated for audio and video Any bandwidth, any resolution, or any video or audio codec can be used on any video call within the same conference All participants have their own personal encodes The series offers extremely low latency - as low as 60 ms
Streaming Video	Built-in streaming server Ability to view using Windows Media Player, RealPlayer, or QuickTime Streaming of slides (H.239 and Virtual Network Computing [VNC]) Text chat Unicast and multicast User Datagram Protocol (UDP), TCP, or HTTP Independent choice of bandwidth and codec
Localization and Customization	Custom interactive voice response (IVR)/auto attendant audio prompts and graphics Uploadable multilanguage support
Built-In Gatekeeper	Resolution of E.164 numbers Registration of conferences, endpoints, and gateways Ability to register up to 25 devices

Built-In Web Server	Complete configuration, control, and monitoring of the system and conferences
Multipoint-Control-Unit (MCU) Features	H.323 dial in, or dial out from web server Standalone or with gatekeeper/registrar/proxy Configurable audio and video auto attendant Advanced continuous presence as standard on all ports Automatic selection of best layout Individual layout selection using remote control or webpages More than 50 custom layouts Active speaker selection using remote control or voice activated Floor assignment through webpage or management application Far-end camera control tunneling using remote control or web Text identification of sites On-screen text messaging to individual or all sites Built-in conference scheduling and reservation On-demand and ad hoc conferences On-screen list of participants Automatic lecture mode Preview of conference and individual camera on webpages Web conferencing option - those without endpoints can still interact Uploadable bitmaps for audio participants Video association for IP and traditional private branch exchanges (PBXs) Automatic connection to audio conferences Cisco TelePresence Multiway technology, which enables many Cisco video endpoints to initiate ad hoc multiparty calls Linked voice and video calls Automatic redialing
Content Features	Dual video using H.239 and BFCP content sharing Presentation mode: You can add slides from your PC using VNC Automatic content handover Widescreen (16:9) support Passthrough content option to maximize capacity Content transcoding for interoperability Participants with no content support can receive transcoded content in main video
Cisco Telepresence ConferenceMe	Video, audio, and content sharing Multiple layouts Firewall friendly Independent transcode per participant Up to 12 simultaneous connections
High Performance	720p up to 15 fps H.263 continuous presence; 480p up to 30 fps Comprehensive HD audio codecs
Language	English as standard, with option to load alternative language packs

Video and Audio Specifications

Bandwidth	H.263 up to 4 Mbps, H.264 up to 2 Mbps for each site in all conference modes, including advanced (symmetric) continuous presence
Video Standards	H.261, H.263, H.263+, H.263++, and H.264
Video Resolution	From QCIF to 480p at up to 30 fps and 720p (1280 x 720) at up to 15 fps, including interlaced iCIF and iSIF 4:3 and 16:9 aspect ratios
Frame Rates	Up to 30 frames per second
Audio Standards	G.711, G.722, G.722.1, G.723.1, G.728, G.729, MPEG-4 AAC-LC, MPEG-4 AAC-LD, and Polycom Siren14/G.722.1 Annex C
Audio Features	Wideband audio mixing Built-in and uploadable auto attendant voice prompts Adjustable gain and individual audio mute using remote control or web pages Power indication and automatic gain control using webpages

Network, Security, and Management Specifications

Protocols	H.323, SIP, H.235 (Advanced Encryption Standard [AES]), Secure Real-Time Transport Protocol (SRTP), Transport Layer Security (TLS), H.239 (dual video), VNC, Binary Floor Control Protocol (BFCP), H.243 (chair control), FTP, Real-Time Transport Protocol (RTP), (Real-Time Streaming Protocol (RTSP), HTTP, Secure HTTP (HTTPS), Dynamic Host Configuration Protocol (DHCP), Simple Network Management Protocol (SNMP), Network Time Protocol (NTP), IPv4, and IPv6
Quality of Service (QoS)	Configurable differentiated services code point (DSCP) or type of service (ToS)/IP Precedence

Security Features	Seven levels of access rights and privileges for users Password-protected conferences Conference locking through remote control or web interface or management application Secure non-PC hardware and operating system AES encryption, 128-bit key, and H.235 SIP encryption TLS certificate verification Video firewall option - second Ethernet port Certificate-based login with OCSP certificate checking
Interfaces	Two RJ-45 Ethernet, 10-/100-/1000-Mbps full and half duplex, manual or autosensing RJ-45 serial port CompactFlash socket Thirty-nine status LEDs
System Management	XML - RPC management application programming interface (API) Management through built-in web server RS-232 for local control and diagnostics Syslog for diagnostics Configurable event logs and full H.323 and SIP decoding Configuration backup to network Secure upgrades through Ethernet or CompactFlash Call detail records (CDRs) SNMP
Network Resilience	Cisco TelePresence PacketSafe technology, which provides intelligent down-speeding, packet pacing, and packet-loss concealment to ensure optimum video and audio quality Dynamic jitter buffering Alternate gatekeepers DNS SRV failover for SIP

Physical Specification

Physical Dimensions (H x W x D)	Physical dimensions: 1.73 x 17.2 x 12.3 in. (44 x 437 x 312 mm) (1U) 19-in. rack-mountable (kit supplied) or standalone
Weight	9 lb (4 kg)
Power	100-240 VAC, 50/60 Hz, 380 BTU/h (111W) maximum heat dissipation
Environmental Data	Operating temperature: 0 to 35°C) ambient Relative humidity below 95% (noncondensing)
Approvals and Compliance	European safety: EN 60950-1 USA/Canada safety: UL 60950-1 CB, CE EMC: EN55022 class A, EN61000-3-2, EN61000-3-3, EN55024: EN61000-4-2,-3,-4,-5,-6,-11, FCC Part 15 class A, VCCI class A, AS/NZS 3548, CCC: GB4943, GB9254, YD/T993 NAL Certificate (China) RoHS compliant

The next steps...

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