

Refurbished CISCO VG202 Datasheet

CISCO > UNIFIED-COMMUNICATIONS

Cisco Unified Communications Manager Express

IP Phone Support per Platform

Platform	Maximum Number of Phones
Cisco 881 and 887VA Integrated Services Routers	5
Cisco 2901 Integrated Services Router	35
Cisco 2911 Integrated Services Router	50
Cisco 2921 Integrated Services Router	100
Cisco 2951 Integrated Services Router	150
Cisco 3925 Integrated Services Router	250
Cisco 3945 Integrated Services Router	350
Cisco 3925E Integrated Services Router	400
Cisco 3945E Integrated Services Router	450
Cisco 4321 Integrated Services Router	50
Cisco 4331 Integrated Services Router	100
Cisco 4351 Integrated Services Router	250
Cisco 4431 Integrated Services Router	350
Cisco 4451-X Integrated Services Router	450

Cisco Endpoints Supported by Cisco Unified Communications Manager Express

IP Phone Series

IP Phone Series	Models Supported
Cisco IP Phone 7800 Series	Cisco Unified IP Phone 7811 Cisco Unified IP Phone 7821 Cisco Unified IP Phone 7841 Cisco Unified IP Phone 7861
Cisco IP Phone 8800 Series	Cisco IP Phone 8811 Cisco IP Phone 8821 Cisco IP Phone 8841 Cisco IP Phone 8851 Cisco IP Phone 8861 Cisco Unified IP Conference Phone 8831
Cisco Unified IP Phone 8900 Series	Cisco Unified IP Phone 8961 Cisco Unified IP Phone 8941 Cisco Unified IP Phone 8945
Cisco Unified IP Phone 9900 Series	Cisco Unified IP Phone 9951 Cisco Unified IP Phone 9971
Cisco Unified SIP Phone 3900 Series	Cisco Unified IP Phone 3905 Cisco Unified IP Phone 3911

Cisco Unified IP Phone 7900 Series	Cisco Unified IP Phone 7942G Cisco Unified IP Phone 7945G Cisco Unified IP Phone 7962G Cisco Unified IP Phone 7965G Cisco Unified IP Phone 7975G Cisco Unified IP Phone Expansion Module 7915 and 7916 modules Cisco Unified IP Wireless IP Phone 7925G and 7926G models
Cisco DX Series	Cisco DX650
Cisco Jabber platform	Cisco Jabber for MAC and Windows

Cisco Unified Communications Manager Express 11.0 Features

Feature	
Phone features	Maximum 450 phones per system Up to 34 line appearances per phone Attendant console functions using Cisco Unified IP Phone Expansion Module 7915 and 7916 modules Fast transfer: Blind or consult Busy Lamp Field (BLF) Silent ringing options Distinctive ring per line Automatic line selection for outbound calls Call forward on busy, no answer, and all (internal or external) Call-forward-all restriction control Do not disturb (DND) Feature ring with DND set IP phone display of DND state Dial-plan pattern load on SIP phones Diversion of calls directly to voicemail Customization of soft keys Enable and disable call-waiting notification per line Call waiting with overlay directory number Call-waiting ring Dual or eight call line appearances per button After-hours toll-bar override Auto answer with headset European date formats Hook flash pass-through across analog PSTN trunks Idle URL: Periodically push messages or graphics on IP phones Last-number redial Live record to Cisco Unity Express mailbox Local name directory lookup On-hook dialing Station speed dial with configuration changes from IP phone System speed dial for 10,000 numbers Silent and feature ring options SIP-based line-side subscribe, providing basic presence of phone status Transfer to voicemail soft key Call barge with privacy on shared lines Access features using soft keys or feature access codes Remote teleworker IP phone support Dynamic hunt-group join or leave Support for analog phones using Cisco ATA 186 Analog Telephone Adaptor or Cisco VG224 Analog Voice Gateway in SCCP mode Support for fax machines on foreign-exchange-station (FXS) ports or ATA using H.323, SCCP, or SIP Support for Cisco VG202 and VG204 Analog Voice Gateways XML application services on Cisco Unified IP display phones Station-to-station video with voice using Cisco Unified Video Advantage or Cisco Unified IP Phone 7985G endpoints Extension mobility within the single site Wideband audio (G.722) and Internet low bit rate codec (iLBC) Single number reach for mobility in Cisco IOS Software Whisper intercom Shared line on SIP phones with privacy and barge-in capabilities Customizable phone telephony user interface (TUI) with button layout control Improved security with customizable services and directories page Programmable line keys (PLK) on Cisco IP Phone TUI My Phone Apps support for BLF speed-dial configuration Normalized +E.164 support for Cisco Unified IP Phones (SCCP) Support for Cisco Mobile 8.1 for iPhone and iPod touch soft-phone client Secure Sockets Layer (SSL) VPN client support for Cisco IOS Datagram Transport Layer Security (DTLS) VPN for SCCP phones Localization support for Cisco Unified IP Phone 7920 and 6900 models with SCCP Video and camera support for Cisco Unified IP Phone 8961, 9951, and 9971 models Extension Mobility support for SIP endpoints Support for Cisco Unified IP Phone 8941 and 8945 endpoints Support for Single Number Reach and paging for SIP endpoints Support for shared line between SCCP and SIP endpoints My Phone App support for SIP endpoints

	Support for Cisco ATA 187, ATA 188 and ATA 190 Analog Telephone Adapters Support for SIP-initiated conference Support for visual list of parked calls Support for visual list of voice hunt groups Support for dynamic hunt-group login Support for distinctive ring for parked call recall Support for audible ringtone with hunt-group login and logout
Trunk features	Analog foreign-exchange-office (FXO) Loop and Ground Start Ear and mouth (E&M) Basic Rate Interface (BRI) and Primary Rate Interface (PRI) support (NI2, 4ESS, 5ESS, EuroISDN, DMS100, and DMS250) and several other switch types currently supported in Cisco IOS Software Caller ID name and number Automatic number identification (ANI) Digital trunk support (T1/E1) Direct inward dialing (DID) Direct outward dialing (DOD) E1 R2 support Dedicated trunk mapping to phone button H.323 trunks with H.450 support H450.12 automatic detection of H.450 support for remote H.323 endpoints H.323-to-H.323 hairpin call routing for non-H.450-compliant H.323 endpoints SIP trunks and RFC 2833 support Transcoding with G.711, G.729a, and iLBC Call forwarding busy, no answer, and all Calling line identification presentation (CLIP) and calling name identification presentation (CNIP) Connected line identification presentation (COLP) and connected name identification presentation (CONP) Message-waiting indicator (MWI) and message center support MWI pass-through QSIG-to-time-division multiplexing (TDM) voicemail Overlap sending support on ISDN PRI and BRI trunks
System features	Account codes and call-detail-record (CDR) field entry Call-back busy subscriber and camp-on Per-phone call-coverage rules Call hold and retrieve Call park: Personal and directed Call transfer and park recall Call park assign to extension Call pickup directed Call pickup local group Call pickup explicit group Call transfer: Consultative and blind Call waiting Cancel call waiting soft key Call park and pickup on both SCCP and SIP phones CTI with Microsoft CRM and Outlook using Cisco IOS Software Telephony Services Provider (TSP) E911 with two emergency location numbers per zone; unlimited zones per site Eight-party impromptu conferencing Directory services using XML Hunt groups: Sequential, circular, parallel (blast), and longest idle Hunt-group dynamic log in and log out Hunt-groups statistics: Daily and hourly Intercom Ad-hoc conferencing (8 parties) Meet-me conferencing (32 parties) Five music-on-hold (MoH) streams (internal) Night service bell or call forwarding Overlay extensions for enhanced call coverage Called-name display for overlay extensions Paging: Internal through IP phones or to external system Per-call caller ID blocking Secondary dial tone Standards-based network call transfer and call forwarding using H.450 Additional system speed-dial option through XML service Time-of-day and day-of-week call blocking Customizable called-name display Support of SRST fallback service phone autoregistration Basic automatic call distributor (BACD) (three queues) with Automated Attendant and call statistics Display of number of calls in queue on IP phone Agent log in and log out of BACD hunt group Integration with Cisco Unified Contact Center Express 5.0 for advanced call-center features with support for up to 50 agents, agent supervisors, call recording, silent monitoring, and reporting features Secure Real-Time Transport Protocol (SRTP) providing media encryption for calls on the IP network Secure voice IP phone certificate authentication and provisioning plus secure device signaling using Transport Layer Security (TLS) Video over SIP trunk with H.264 codec support Multilevel Precedence and Preemption (MLPP) support over PRI trunks Enhanced MLPP with support for supplementary services, including three-way conference, call park, and call pickup BLF monitoring of conference directory numbers and call-park slots Cisco Unified Communications Manager Express and Cisco Unity Express username and password synchronization

	Support for IPv6 on SCCP and SIP IP phones Enhanced security with Logical Partition Class of Restriction for Closed User Group (CUG) Optional unlock of meet-me conference bridge New IP Trusted Authentication List for enhanced security Forced Authorization Code (FAC) for improved call screening and accounting SSL VPN support for Cisco Unified IP Phones SSL VPN support for Cisco Adaptive Security Appliance (ASA) Fixed mobile convergence (FMC) with media flow around on SIP trunks Support for Call Forward Unregistered Clear directory entries for calls Localization support for Cisco Unified IP Phone 7920 and 6900 models with SCCP Video and camera support for Cisco Unified IP Phone 8961, 9951, and 9971 models Increased translation rule from 15 to 100 Bulk registration support for SIP phones Debug ephone messages enhancement Support for Cisco Unified Wireless IP Phone 7926 wireless phone Increased fast dial limit to 100 Support for "show voice register pool type summary" Support for conference maximum length Support for DX650 desktop collaboration endpoint BACD support for voice hunt groups for SIP phones **NEW** Voice hunt group call statistics support ***NEW*** Automatic registration of SIP phones ***NEW*** Night service support for SIP phones ***NEW***
Voicemail features	Integrated voicemail and Automated-Attendant solution with Cisco Unity Express Integration with Cisco Unity Voicemail and Cisco Unity unified messaging, or third-party voicemail integration (H.323, SIP, or dual-tone multifrequency [DTMF])
International localization	Per-phone localization for up to five local languages per system, including English, Bulgarian, Chinese Mandarin and Cantonese, Croatian, Czech, Danish, Dutch, European Spanish, Finnish, French, German, Greek, Hungarian, Italian, Japanese Kanji and Katakana, Korean, Norwegian, Polish, Portuguese, Romanian, Russian, Serbian, Slovakian, Slovenian, Swedish, Turkish, Latvian, Lithuanian, Estonian, and Hebrew
Management features	Automatic assignment of extensions to phones for easy phone additions Extension assigner, allowing for deployment of new phones using voice prompts Single web-based GUI for moves, adds, and changes for system and integrated voicemail with three levels of GUI administration: System administrator, customer administrator, and user Centralized network management deployments using Cisco CNS Configuration Engine Telephony-service setup and configuration using HTML Quick Configuration Tool Simple Network Management Protocol (SNMP) support with Cisco Unified Operations Manager or third-party management consoles
APIs for development and integration	Client integration: You can connect Cisco Unified CME with Microsoft CRM and Salesforce.com using Telephony Application Programming Interface (TAPI) Windows driver based on Cisco IOS Software TSP. Server integration: You can connect Cisco Unified CME with third-party applications using the Cisco Unified Communications Express Services Interface API. This API enables protocol interaction between Cisco Unified CME and third-party applications to perform CTI functions, including call monitoring, call control, and call provisioning with any SCCP device registered with the Cisco Unified CME. It includes two elements: embedded CTI protocol support within Cisco Unified CME and Java Function Library (referred to as the "UC Express Services SDK") that co-resides on an external server with the third-party application. This API can support either co-located or service provider-hosted application deployment scenarios. For more information, please refer to: http://developer.cisco.com/web/ucxapi/home.

The next steps...

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