

Cisco Unified 9971 IP Multimedia Phone



Product Name: Cisco Unified 9971 IP Multimedia Phone

Manufacturer: Cisco Systems

Model Number: CP-9971

Cisco Unified 9971 IP Multimedia Phone

The Cisco Unified 9971 is an advanced multimedia endpoint that provides voice, video, applications and accessories to its users. The Unified 9971 features include High-definition voice, Gigabit Ethernet, a high-resolution, 24-bit color depth, 640 x 480 effective pixel-based color touchscreen display, desktop 802.11a/b/g Wi-Fi connectivity. When combining these features with a new industrial design and user interface, the Unified 9971 stands out for simplicity and high usability.

Cisco Unified 9971 Key Features

- H.264 video support for 2-way standard definition calling with USB support for the Cisco Unified Video Camera
- Choice of 802.11 a/b/g desktop Wi-Fi connectivity or Gigabit Ethernet network connectivity and switch port available for a downstream PC
- Newly developed industrial design and user experience designed for use with its VGA touchscreen display
- Embedded Bluetooth radio and 2 USB ports for headsets and the Unified Video Camera
- Firmware support for XML and Java MIDlet applications

Accessories, bundled in selected cases and all sold separately, include the Cisco Unified Video Camera, Bluetooth handsfree profile support including support for the Jawbone ICON for Cisco Bluetooth Headset the Cisco Unified IP Color Key Expansion Module and Secure Digital Input Output (SDIO) slot for SDIO devices. Multimedia applications support includes XML and Java MIDlets.

Cisco Unified 9971 IP Multimedia Phone Technical Specifications

Calling Feature Support

- 6 lines expanding to 114 with 3 Unified IP Color Key Expansion Modules
- The convenience of many speed dials or programmable features, or the necessity of following the activity of many lines. Up to 200 calls supported per device.
- + Dialing
- Abbreviated dialing
- Adjustable ringing and volume levels
- Adjustable display brightness
- Agent Greeting/Whisper Coaching
- Application Launch Pad
- Auto-answer
- Auto-detection of headset
- Barge
- Callback
- Call forward
- Call history lists
- Call park
- Call pickup
- Call timer

- Call waiting
- Caller ID
- Corporate directory
- Conference
- Direct transfer
- Extension mobility service
- Fast-dial service
- Group call pickup
- Hold
- Intercom
- Immediate divert
- Join
- Last-number redial
- Malicious-caller ID
- Message-waiting indicator
- Meet-me conference
- Music on hold
- Mute
- Network profiles (automatic)
- On- and off-network distinctive ringing
- OPickUp
- Personal directory
- Predialing before sending
- Privacy
- Redial
- Ring tone per line appearance
- Service URL
- Shared line
- Time and date display
- Transfer
- Visual Voice Mail
- Voice Mail

Buttons

- 6 feature buttons with state indicating LEDs
- 6 call session buttons with state indicating LEDs
- Applications, Directories, Voicemail
- Conference, Transfer, Hold
- Volume Up/Down
- Back-lit Mute, Speakerphone, Headset
- Back, End Call, 5-Way Navigation Pad

Audio Codec Support

- G.711a, G.711u, G.729a, G.729ab, G.722, iSAC and iLBC audio compression codecs

Display

- 5.6-inch (14 cm) graphical TFT color touchscreen display, 24-bit color depth, 640 x 480 effective pixel resolution, with backlight
- VGA presentation for calling, video calling and applications
- Display also supports localization requiring double-byte Unicode encoding for fonts

Video Features and Benefits

- Video standards: H.264/AVC
- Frame rates: 30 fps (maximum) using H.264/AVC for video
- Frame or picture formats: SQCIF (128 x 96 pixels), QCIF (176 x 144 pixels), QVGA (320 x 240 pixels), SIF (352 x 240 pixels), CIF (352 x 288 pixels), VGA (640 x 480 pixels)

Ethernet

- Internal 2-port Cisco Ethernet switch allows for a direct connection to a 10/100/1000 BASE-T Ethernet network through an RJ-45 interface with single LAN connectivity for both the phone and a co-located PC
- System administrator can designate separate VLANs (802.1Q) for the PC and phone, providing improved security and reliability of voice and data traffic

Desktop Wi-Fi Ethernet

- As an alternative to wired Ethernet, this model supports an on-board Wi-Fi radio and antenna that enables connectivity to a wi-fi access point thereby saving on the labor costs of pulling Ethernet cables to every work location

Bluetooth

- Mobility for headset users within 30 feet of their desktop to enable the freedom to go to the printer, a colleague's desk or nearby private location while on a call
- The Cisco Unified 9971 IP Multimedia Phone supports the Hands-free and Headset Bluetooth profiles, including support for the Jawbone ICON for Cisco Bluetooth Headset

USB

- 2 USB ports accelerate the usability of call handling and applications by enabling accessories such as the Cisco Unified IP Camera, wired and wireless headsets
- External Audio Ports
- General Purpose Audio In and Audio Out ports enable a relaxed speakerphone experience over external speakers and microphone
- Secure Digital Input Output (SDIO)
- Enables an additional option for portability and presentation of confidential data, video and sample applications

Protocols

- SIP for signaling
- H.264 for video

Connectivity

- 10/100/1000 wired Ethernet network port plus switched PC port
- 802.11a/b/g Wi-Fi

Configuration Options

- Dynamic Host Configuration Protocol (DHCP) client or static configuration
- Support for online firmware upgrades using Trivial File Transfer Protocol (TFTP)
- Domain Name System (DNS)
- HTTP Firmware Management

Network Features

- Cisco Discovery Protocol (CDP)
- Link Layer Discovery Protocol Power over Ethernet (LLDP-PoE)
- Transparent secure roaming
- Provisioning of network parameters through DHCP
- Switch Auto-Negotiation
- VPN Client

Security Features

- Certificates
- Image authentication
- Device authentication
- File authentication
- Signaling authentication
- Media encryption using Secure Real-Time Protocol (SRTP)
- Signaling encryption using Transport Layer Security (TLS) Protocol
- Certificate authority proxy function (CAPF)
- Secure profiles
- Encrypted configuration files

Provisioning and Manufacturing

- Cisco Unified Communications Manager Express Version Negotiation
- Web server for configuration and statistics
- QoS reporting: jitter, delay, dropped packets, and latency on a per-call basis
- Real Time Control Protocol (RTCP) support and monitoring
- Syslog

Accessories

- Unified IP Color Key Expansion Module: Available separately, enables advanced use of lines, speed dials and features
- Cisco Unified Video Camera: Available separately, enables 2-way video calling between phones or video conferencing through a media conference unit
- Cisco Unified Video Advantage Support: Alternatively to supporting the Cisco Unified Video Camera, the Cisco Unified Video Advantage camera and application (running on a PC) are also supported
- Headset Support: Integrated design & advanced, updateable firmware for Jawbone ICON for Cisco Bluetooth Headset which also works with all major mobile phone models. Also supports standard Bluetooth and USB headsets via the hands-free and headset Bluetooth profiles. Wideband analog headset support also provided via a dedicated RJ9 headset port on the rear of the phone

Language Support

- Arabic, Bulgarian, Catalan, Chinese (People's Republic of China), Chinese (Hong Kong), Chinese (Taiwan), Croatian, Czech, Danish, Dutch, English - plus localized prompts for the UK, Estonian, French, Finnish, German, Greek, Hebrew, Hungarian, Italian, Japanese, Korean, Latvian, Lithuanian, Norwegian, Polish, Portuguese (Portugal), Portuguese (Brazil), Romanian, Russian, Spanish (Spain), Slovak, Swedish, Serbian (Republic of Serbia), Serbian (Republic of Montenegro), Slovenian, Thai, Turkish

Power

Cisco Unified 9971 IP Multimedia Phone

- IEEE Power over Ethernet 802.3af and 802.3at supported, class 4
- The IP Phone 9971 is compatible with both class 3 and class 4 IEEE PoE switch blades and supports both Cisco Discovery Protocol (CDP) and Link Layer Discovery Protocol - Power over Ethernet (LLDP-PoE)

Physical

- Dimensions : 9.2" (23.4 cm) x 10.33" (26.25 cm) x 1.56" (3.97 cm)
- Operational Temperature: 23°F (-5°C) ~ 131°F (55°C)

Price: £630.80

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