

Cisco Unified IP Phone 8961

Cisco® Unified Communications Solutions enable collaboration so that organizations can quickly adapt to market changes while increasing productivity, improving competitive advantage through speed and innovation, and delivering a rich-media experience across any workspace, securely and with optimal quality.

Figure 1. Cisco Unified IP Phone 8961



Product Overview

The Cisco® Unified IP Phone 8961 is an advanced professional media endpoint that delivers an enhanced user experience with an easy-to-use and eco-friendly ergonomic design. Highlights of the portfolio include introduction of higher-resolution (VGA) color displays, a USB port, Gigabit Ethernet connectivity, and High-definition (HD) voice support, enabling a more productive user experience for multimedia application engagement. Application support includes XML and MIDlet-enabled applications. The Cisco Unified IP Phone 8961 is an ideal solution for knowledge professionals, administrative managers, and executives.

Features and Benefits

Table 1 lists the features and benefits of the Cisco Unified IP Phone 8961.

Table 1. Features and Benefits

Feature	Benefits
Hardware	
Ergonomic design	The phone offers a highly usable and intuitive arrangement of lines, features, and calls. Transfer, Conference and Hold appear on hard keys to reduce the number of presented softkeys to a maximum of 4 per call state.
Customization	You can order this model in Arctic White or Charcoal Gray. Handsets are available internationally as slimline (140g) or standard (170g); you can mix and match them with other users within your work environment to enable a feeling of customization and ownership among your group.
Display	The phone offers a VGA presentation for calling, video calling, and applications; a 5-inch (10-cm) graphical TFT color display; 24-bit color depth; and 640 x 480 effective pixel resolution with backlighting. The display also supports localization requiring double-byte Unicode encoding for fonts.
Ethernet	An internal 2-port Cisco Ethernet switch allows for a direct connection to a 10/100/1000BASE-T Ethernet network through an RJ-45 interface with single LAN connectivity for both the phone and a co-located PC. The system administrator can designate separate VLANs (802.1Q) for the PC and phone, providing improved security and reliability of voice and data traffic.
USB	A USB port accelerates the usability of call handling and applications by enabling accessories such as the Cisco Unified IP Phone Color Key Expansion Module and wired headsets.

Five programmable line/feature keys and five call session keys	The IP Phone 8961 offers five programmable line/feature keys and also provides 5 call session keys with the convenience of multiple appearances per line. This enables administrative staff to handle all activities of many sessions at the same time. Up to a maximum of 200 concurrent calls can be handled by the IP Phone 8961.
Buttons	The phone has the following buttons: <ul style="list-style-type: none"> • 5 programmable feature buttons with state-indicating LEDs • 5 call-session buttons with state-indicating LEDs • Applications, Directories, and Voicemail • Conference, Transfer, and Hold • Volume Up/Down, • Back-lit Mute, Speakerphone, and Headset • Back, End Call, and 5-Way Navigation Pad
Accessories	
IP Color Key Expansion Module	Available separately, the IP Color Key Expansion Module enables advanced use of lines, speed dials, and features, providing 36 additional line/feature keys per module. One IP Color Key Expansion Module is supported on the IP Phone 8961.
Headset support	RJ-9 and USB wired headsets are supported.
Firmware	
New user experience	The phone offers advanced organization of lines, speed dials, and programmable features separate from call appearances. It is ideal for those who make a few calls per day, and better for those who handle dozens of calls per hour.
Session Initiation Protocol (SIP) signaling	SIP interoperation with the call-control and partner applications enables a rich unified communications solution.
Application support	XML and MIDlet-enabled applications are provided by Cisco's application development partners or customers' own development staff.

Unified Communications Manager Support

- Cisco Unified Communications Manager Version 7.1(3) or later

Licensing

Phone licensing is dependent on the call-control platform and its policies. For the Cisco Unified Communications Manager, the Cisco Unified IP Phone 8961 requires four Device License Units (DLUs). There are no special license-plus-phone bundles for tier 2 distributors. The phone is not supported on third-party call-control systems.

Product Specifications

Table 2 lists the specifications of the Cisco Unified IP Phone 8961, Table 3 lists its calling features, and Table 4 lists the benefits of its video features.

Table 2. Product Specifications

Feature	Specifications
Protocols	SIP for signaling
Connectivity	10/100/1000 wired Ethernet network port plus switched PC port
Options	Arctic White or Charcoal Gray color Slimline (140g) or Standard (170g) handset
Language support	Arabic, Bulgarian, Catalan, Chinese (People's Republic of China, Hong Kong, and 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 and Brazil), Romanian, Russian, Spanish (Spain), Slovak, Swedish, Serbian (Republic of Serbia and Republic of Montenegro), Slovenian, Thai, and Turkish
Physical dimensions (H x W x D)	9.21 x 10.35 x 1.85 in. (234 x 263 x 47 mm) In slab mode with the footstand removed.
Power	IEEE Power over Ethernet 802.3af supported, class 3
Operational Temperature	Temperature: 32°F (0°C) ~ 122°F (50°C)
Non-Operational Temperature Shock	Temperature: -13°F (-25°C) ~ 158°F (70°C)

Temperature-Altitude (Operational)	Temperature: 140°F (40°C) Ambient condition to 9843 ft (3,000 m)
Temperature-Altitude (Non-Operational)	Ambient condition to 15,000 ft (4,572 m)
Temperature-Humidity (Non-Operational)	Humidity: 90% ± 5% Relative Humidity
Non-Operational Hot Temperature (Storage)	Temperature: 158°F (70°C) ± 2°C
Non-Operational Cold Temperature (Storage)	Temperature: -40°F (-40°C) ± 2°C
Quantity Shipped per Pallet	320 units

Table 3. Weights: Hardware and Carton

SKU	Description	Weight: Hardware lb (kg)	Weight: Single Carton lb (kg)	Weight: Master Pack of 8 Cartons lb (kg)
CP-9951-C-K9=	Cisco Unified IP Endpoint 9951, Charcoal, Standard Handset	3.41(1.55)	4.36(1.977)	36.52(16.565)
CP-9951-CL-K9=	Cisco Unified IP Endpoint 9951, Charcoal, Slimline Handset	3.29 (1.49)	4.24(1.922)	36.62(16.610)
CP-9951-W-K9=	Cisco Unified IP Endpoint 9951, Arctic White, Standard Handset	3.53(1.60)	4.48(2.033)	37.58(17.045)
CP-9951-WL-K9=	Cisco Unified IP Endpoint 9951, Arctic White, Slimline Handset	3.47(1.57)	4.42(2.003)	37.04(16.800)
CP-89/9900-HS-C=	Spare Handset for 8900 or 9900 Series, Charcoal, Standard	0.39(0.177)		
CP-89/9900-HS-CL=	Spare Handset for 8900 or 9900 Series, Charcoal, Slimline	0.32(0.146)		
CP-89/9900-HS-W=	Spare Handset for 8900 or 9900 Series, Arctic White, Standard	0.41(0.187)		
CP-89/9900-HS-WL=	Spare Handset for 8900 or 9900 Series, Arctic White, Slimline	0.34(0.156)		

Table 4. Calling Features

Feature	Specifications
Calling-feature support	<ul style="list-style-type: none"> • Abbreviated dialing • Adjustable ringing and volume levels • Adjustable display brightness • 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

	<ul style="list-style-type: none"> • 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 • Voicemail (single button access)
Audio codec support	G.711a, G.711u, G.729a, G.729ab, G.722, and Internet Low Bitrate Codec (iLBC) audio compression codecs
Configuration options	<ul style="list-style-type: none"> • Dynamic Host Configuration Protocol (DHCP) client or static configuration • Support for online firmware upgrades using Trivial File Transfer Protocol (TFTP) • Domain Name System (DNS)
Network features	<ul style="list-style-type: none"> • Cisco Discovery Protocol • Transparent secure roaming • Provisioning of network parameters through DHCP
Security features	<ul style="list-style-type: none"> • Certificates • Image authentication • Device authentication • File authentication • Signaling authentication • Media encryption using Secure Real-Time Transfer Protocol (SRTP) • Signaling encryption using Transport Layer Security (TLS) Protocol • Certificate authority proxy function (CAPF) • Secure profiles • Encrypted configuration files
Provisioning and manufacturing	<ul style="list-style-type: none"> • Web server for configuration and statistics • Quality-of-service (QoS) reporting: Jitter, delay, dropped packets, and latency on a per-call basis • Real-Time Control Protocol (RTCP) support and monitoring • Syslog

Ordering Information

To place an order, visit the Cisco Ordering Home Page and refer to Tables 5 and 6. To download software, visit the Cisco Software Center.

Table 5. Ordering Information

Product Name	Part Number
Cisco Unified IP Phone 8961, Charcoal, Standard Handset	CP-8961-C- K9=
Cisco Unified IP Phone 8961, Charcoal, Slimline Handset	CP-8961-CL-K9=
Cisco Unified IP Phone 8961, White, Standard Handset	CP-8961-W-K9=
Cisco Unified IP Phone 8961, White, Slimline Handset	CP-8961-WL-K9=
Spare Handset for 8900 or 9900 Series, White, Slimline	CP-89/9900-HS-WL=
Spare Handset for 8900 or 9900 Series, White, Standard	CP-89/9900-HS-W=
Spare Handset for 8900 or 9900 Series, Charcoal, Slimline	CP-89/9900-HS-CL=
Spare Handset for 8900 or 9900 Series, Charcoal, Standard	CP-89/9900-HS-C=

Spare Handset Cord, White	CP-HS-CORD-W=
Spare Handset Cord, Charcoal	CP-HS-CORD-C=
Locking Wallmount Kit for 8900 or 9900 Series, Charcoal	CP-89/9900-LWMK-C=
Locking Wallmount Kit for 8900 or 9900 Series, Arctic White	CP-89/9900-LWMK-W=
Locking Wallmount Kit for 8900 or 9900 Series and KEM, Charcoal	CP-89/9900-LK-K-C=
Locking Wallmount Kit for 8900 or 9900 Series and KEM, Arctic White	CP-89/9900-LK-K-W=
Spare footstand for 8900 or 9900 Series, White	CP-89/9900-FS-W=
Spare footstand for 8900 or 9900 Series, Charcoal	CP-89/9900-FS-C=

Table 6. Local Power Options: Cube and Regional Cords

The power cube is new for the Cisco Unified IP Phone 8900 and 9900 Series phones, but the cords are the same cords as used with the Cisco Unified IP Phone 7900 Series. Power Cube 4 supports up to 44W and is internationally rated for different power grids worldwide.

Product Name	Part Number
Cisco Unified IP Endpoint Power Cube 4: 48V; 0.917A; 47-63Hz; 100-240V~0.8A	CP-PWR-CUBE-4=
Asia Pacific	CP-PWR-CORD-AP=
Argentina	CP-PWR-CORD-AR=
Australia	CP-PWR-CORD-AU=
European Community	CP-PWR-CORD-CE=
China	CP-PWR-CORD-CN=
Japan	CP-PWR-CORD-JP=
North America	CP-PWR-CORD-NA=
Switzerland	CP-PWR-CORD-SW=
United Kingdom	CP-PWR-CORD-UK=

Cisco Services

Using the Cisco Lifecycle Services approach, Cisco and our partners offer a broad portfolio of end-to-end services to support the Cisco Unified Communications System. These services are based on proven methodologies for deploying, operating, and optimizing IP communications solutions. Initial planning and design services, for example, can help you meet aggressive deployment schedules and minimize network disruption during implementation. Operate services reduce the risk of communications downtime with expert technical support. Optimize services enhance solution performance for operational excellence. Cisco and our partners offer a system-level service and support approach that can help you create and maintain a resilient, converged network that meets your business needs.

For More Information

For more information about the Cisco Unified IP Phone 8961, please visit: www.cisco.com/go/ipphones/8900 or contact your local Cisco account representative.



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