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Overview

The Cisco® Unified Communications system of voice and IP communications products and applications enables organizations to communicate more effectively—enabling them to streamline business processes, reach the right resource the first time and impact the top and bottom line. The Cisco Unified Communications portfolio is an integral part of the Cisco Business Communications Solution—an integrated solution for organizations of all sizes which also includes network infrastructure, security, and network management products, wireless connectivity, and a lifecycle services approach, along with flexible deployment and outsourced management options, end-user and partner financing packages, and third-party communications applications.

The Cisco Unified IP Phone 7911G fills the communication needs of cubicle, retail, classroom, or manufacturing workers or anyone who conducts low to moderate telephone traffic. Four dynamic soft keys guide users through core business features and functions, while a pixel-based display combines intuitive features, calling information, and extensible Markup Language (XML) services into a rich user experience. The Cisco Unified IP Phone 7911G offers numerous important security features plus the choice of IEEE 802.3af Power over Ethernet (PoE), Cisco inline power, or local power through an optional power adaptor (Figure 1).

Quick Specification

Figure 1 shows Cisco Unified IP Phone 7911G

Table 1 shows the quick specification.

Feature	Description
Lighted Hold Key	Lights when pressed to put a call on hold and stays lit until the held call has been resumed, or flashes if one call is held while another is engaged; is dark when no calls are on hold
Lighted Menu Key	Lights when pressed to access voicemail messages, call logs, network settings, user preferences, corporate directories, and XML services; stays lit while menu items are active
Lighted Message Waiting Indicator	Lights when there is new voicemail and is visible on both the phone chassis and the handset; stays lit until new voicemail has been processed by the user
Graphical Display	Graphical monochrome display with resolution of 192 x 64 pixels provides a scrollable 3-line intuitive access to calling features and text-based XML applications; the Cisco Unified IP Phone 7911G also supports audio-based XML applications
Four Soft-Key Buttons and a Scroll Toggle Bar	Dynamically present calling options to the user; the scroll toggle bar allows easy movement through the displayed information

Network Features	Cisco Discovery Protocol; IEEE 802.1 p/q tagging and switching
Ethernet Switch	10/100BASE-T Ethernet connection through two RJ-45 ports, one for the LAN connection, the other for connecting a downstream Ethernet device such as a PC
Volume Control	A volume-control toggle to provide easy decibel-level adjustments of the handset, monitor speaker, and ringer
Single-Position Foot Stand	Optimum display viewing and comfortable use of buttons and keys; the foot stand can be removed for wall mounting with mounting holes located on the base of the phone
Multiple Ring Tones	More than 24 user-adjustable ring tones
American Disabilities Act (ADA) Features	Hearing-aid-compatible (HAC) handset that meets the requirements set by the ADA; it also meets ADA HAC requirements for a magnetic coupling to approved hearing aids. The phone dialing pad also complies with the ADA•
Signaling Protocol Support	Supported in Cisco Unified CallManager Versions 3.3(5) SR2, 4.1(3) SR3a, 4.2(1) SR1, and higher using Skinny Client Control Protocol (SCCP); supports both SCCP and Session Initiation Protocol (SIP) with Cisco Unified CallManager Version 5.0(2) and higher
Codec Support	G.711a, G.711, G.729a, G.729b, and G.729ab and iLBC audio-compression codecs
Configuration Options	Provisioning of network parameters through Dynamic Host Configuration Protocol (DHCP)
Voice Quality	Comfort-noise generation and voice-activity-detection (VAD) programming on a system basis

Product Details

The Cisco Unified IP Phone 7911G is designed to grow with your organization. A dynamic, soft key-activated feature set enables the phone to keep pace with your requirements through regular software upgrades. Moves, adds, and changes are easy; users can simply pick up their phones and move to a new location anywhere on the network. The Cisco Unified IP Phone 7911G also provides accessibility features to those with special needs.

Table 2 shows Security Features.

Item	Description
Certificates	Phones are shipped with factory-installed X.509v3 certificates. There is also an option of installing and removing certificates at the customer's site.
Device Authentication and Signaling Encryption	Transport layer security (TLS) with AES-128 encryption is offered when using Cisco Unified CallManager Version 4.1 or later. Cryptography is not enabled by default and may only be enabled through a cryptographically enabled CUCM.
Media Encryption	Secure Real-Time Transport Protocol (SRTP) with AES-128 encryption is offered when using Cisco Unified CallManager Version 4.1 or later. Cryptography is not enabled by default and may only be enabled through a cryptographically enabled CUCM.

Table 3 shows Software and Physical Specifications.

Item	Description
Firmware Upgrades	Download firmware changes from Cisco Unified CallManager and Cisco.com
Software Upgrades	Software upgrade supported using a Trivial File Transfer Protocol (TFTP) server
Dimensions (H x W x D)	6.5 x 7 x 6 in. (20.3 x 17.67 x 15.2 cm)
Weight	1.9 lb (0.9 kg)
Phone Casing Composition	Polycarbonate acrylonitrile butadiene styerene (ABS) plastic in textured dark gray with silver-colored bezel

Table 4 shows Power Options.

Item	Description
Cisco PoE	Works with Cisco PoE from any Cisco Inline Power-capable switch
IEEE 802.3af PoE	Can receive power from IEEE 802.3af-compliant blades
Local Power	Can also be powered locally with a power adapter (CP-PWR-CUBE-3=) along with one of the power cords listed in Table 5

Table 5 shows AC Region and County-Specific Power Cords.

Part Number	Description
CP-PWR-CORD-AP=	Asia Pacific
CP-PWR-CORD-AR=	Argentina
CP-PWR-CORD-AU=	Australia
CP-PWR-CORD-CE=	European Community
CP-PWR-CORD-CN=	China
CP-PWR-CORD-JP=	Japan
CP-PWR-CORD-NA=	North America
CP-PWR-CORD-SW=	Switzerland
CP-PWR-CORD-UK=	United Kingdom

Table 6 shows Temperature Ratings.

Item	Description
Operating Temperature	32 to 104°F (0 to 40°C)
Relative Humidity	10 to 95% (noncondensing)
Storage Temperature	14 to 140°F (–10 to 60°C)

Table 7 shows Certifications.

Item	Description
Regulatory Compliance	CE Marking
Safety	• Underwriters Laboratories (UL) 60950 • Canadian Standards Association (CSA) C22.2 No. 60950 • EN 60950 • IEC 60950 • AS/NZS60950 • TS 001
Electromagnetic Compatibility	• Federal Communications Commission (FCC) Part 15 (CFR 47) Class B • ICES-003 Class B • EN55022 Class B • CISPR22 Class B

	• AS/NZS CISPR 22 Class B
	• CISPR 24
	• VCCI Class B
	• EN55024
	• EN 50082-1
	• EN 61000-3-2
	• EN 61000-3-3
	• EN 61000-6-1
Telecom	• FCC Part 68 (CFR47) HAC
	• TIA 810A

Table 8 shows Ordering Information.

Part Number	Description
CP-7911G	Cisco Unified IP Phone 7911G
CP-7911G=	Cisco Unified IP Phone 7911G, Spare
CP-7911G-CH1	Cisco Unified IP Phone 7911G, for Channels, with one station user license

Note: All Cisco Unified IP phones require the purchase of a phone technology license, regardless of call protocol being used.

Table 9 shows Optional Accessories.

SKU	Description
CP-HANDSET=	Spare phone handset
CP-HANDSET-CORD=	Spare phone handset cord
CP-LCKNGWALLMNT2=	Universal locking wall-mounting kit
CP-PWR-CUBE-3=	Local power adapter for sites where PoE is not available; refer to Table 5 for the right power cord part number for your region

Get More Information

Do you have any question about the CP-7911G?

Contact us now via info@hi-network.com.

Specification

CP-7911G Specification	
Security Features	
Certificates	Phones are shipped with factory-installed X.509v3 certificates. There is also an option of installing and removing certificates at the customer's site.
Device authentication and signaling	Transport layer security (TLS) with AES-128 encryption is offered when using Cisco Unified CallManager

encryption	Version 4.1 or later.
Media encryption	Secure Real-Time Transport Protocol (SRTP) with AES-128 encryption is offered when using Cisco Unified CallManager Version 4.1 or later.

Software and Physical Specifications	
Firmware upgrades	Download firmware changes from Cisco Unified CallManager and Cisco.com
Software Upgrades	Software upgrade supported using a Trivial File Transfer Protocol (TFTP) server
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Phone-Casing Composition	Polycarbonate acrylonitrile butadiene styerene (ABS) plastic in textured dark gray color with silver bezel

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IEEE 802.3af PoE	Can receive power from IEEE 802.3af-compliant blades
Local power	Can also be powered locally with a power adapter (CP-PWR-CUBE-3=) along with one of the power cords

Temperature Ratings	
Operating temperature	32 to 104°F (0 to 40°C)
Relative humidity	10 to 95% (noncondensing)
Storage temperature	14 to 140°F (-10 to 60°C)

Certification	
Regulatory Compliance	CE marking
Safety	UL 60950 CAN/CSA-C22.2 No. 60950 EN 60950 IEC 60950 AS/NZS 60950 TS 001
Electromagnetic compatibility (EMC)	FCC Part 15 (CFR 47) Class B ICES-003 Class B EN 55022 Class B CISPR22 Class B AS/NZS CISPR 22 Class B CISPR 24 VCCI Class B EN55024 EN 50082-1 EN 61000-3-2 EN 61000-3-3 EN 61000-6-1
Telecom	FCC Part 68 (47CFR) (HAC) TIA 810A

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