

Cisco Unified IP Phone 7911G

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).

Figure 1. Cisco Unified IP Phone 7911G



FEATURES

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.

Tables 1-7 present the features, specifications, and compliance information of the Cisco Unified IP Phone 7911G, Table 8 provides ordering information, and Table 9 lists available optional accessories.

Table 1. Features and Their Descriptions

| 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 |

Table 2. 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. 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 styrene (ABS) plastic in textured dark gray with silver-colored bezel |

Table 4. 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. 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. 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. Certifications

| Item | Description |
|-------------------------------|---|
| Regulatory Compliance | CE Marking |
| Safety | <ul style="list-style-type: none">• Underwriters Laboratories (UL) 60950• Canadian Standards Association (CSA) C22.2 No. 60950• EN 60950• IEC 60950• AS/NZS60950• TS 001 |
| Electromagnetic Compatibility | <ul style="list-style-type: none">• 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 | <ul style="list-style-type: none">• FCC Part 68 (CFR47) HAC• TIA 810A |

Table 8. 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. Optional Accessories

| SKU | Description |
|-------------------|---|
| CP-HANDESET= | Spare phone handset |
| CP-HANDESET-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 |

WARRANTY

Cisco Unified IP phones are covered by a Cisco standard 1-year hardware warranty.

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