

## Cisco Unified IP Phone 6911

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 6911



### Product Overview

The Cisco Unified IP Phone 6911 is a single-line endpoint delivering affordable access to Cisco voice communication services. It is an ideal solution for light communication requirements. Examples include classrooms, manufacturing floors, or employees in cubicles or teleworking from home.

The Cisco Unified IP Phone 6911 supports two incoming calls with a single-line endpoint. A full-duplex speakerphone is included in the design, which provides a more productive, flexible, and easier-to-use endpoint experience. Integrated IEEE 10/100 Ethernet switch ports support connection to a co-located PC while reducing cabling infrastructure and administration costs.

The Cisco Unified IP Phone 6911 includes fixed keys for hold, transfer, conference, redial, and voicemail, making the phone simple and easy-to-use. In addition, a programmable feature key is supported for quick access to advanced communication services. Tri-color LED illuminates on the line key to provide quick call-state indication at a glance.

The Cisco Unified IP Phone 6911 offers personalization, with the choice of two colors (charcoal and arctic white) and two handset style options (slimline and standard).

The Cisco Unified IP Phone 6911 is also eco-friendly, taking advantage of reground and recyclable plastics to deliver a more earth-responsible solution.

## Features and Benefits

Table 1 lists features and benefits of the Cisco Unified IP Phone 6911.

**Table 1.** Features and Benefits of Cisco Unified IP Phone 6901

Feature	Benefit
<b>Hardware</b>	
<b>Industrial design</b>	<ul style="list-style-type: none"> <li>The phone offers an easy-to-use and intuitive arrangement of lines, keys, and calls.</li> <li>Hold, Transfer, Conference, Voice Mail Access, and Redial on fixed hard keys provide a traditional telephony-like user experience.</li> </ul>
<b>Personalization</b>	<ul style="list-style-type: none"> <li>Choice of two colors: Arctic White or Charcoal. Handsets are available internationally as slimline or standard. You can mix and match them in the work environment to better meet employee preferences.</li> </ul>
<b>Desk and wall mountable</b>	<ul style="list-style-type: none"> <li>A two-position footstand makes it easy to view and use the buttons and keys.</li> <li>The phone can be wall-mounted with wall-mounting holes located on its rear housing.</li> </ul>
<b>Co-branding</b>	<ul style="list-style-type: none"> <li>You can include your logo on Cisco Unified IP Phone 6900 Series endpoints. Cisco has approved third-party vendors to produce the labels.</li> </ul>
<b>Ethernet</b>	<ul style="list-style-type: none"> <li>An internal 2-port Cisco Ethernet switch allows for a direct connection to an IEEE 10/100BASE-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.</li> </ul>
<b>Acoustic Features</b>	
<b>Codec support</b>	<ul style="list-style-type: none"> <li>The following audio-compression codecs are supported: encode G.711a, G.711u, G.729a, G.729ab and iLBC, decode G.711a, G.711u, G.729, G.729a, G.729ab and iLBC.</li> </ul>
<b>Voice quality</b>	<ul style="list-style-type: none"> <li>Comfort-noise generation and voice-activity-detection (VAD) programming is supported on a system basis.</li> </ul>
<b>Full-duplex speakerphone</b>	<ul style="list-style-type: none"> <li>You can place and receive calls through the back-lit speaker button.</li> </ul>
<b>Mute</b>	<ul style="list-style-type: none"> <li>The phone offers mute and un-mute functions through the back-lit Mute key.</li> </ul>
<b>Volume control</b>	<ul style="list-style-type: none"> <li>A volume-control toggle makes it easy to adjust the volume of the handset, monitor speaker, and ringer.</li> </ul>
<b>Firmware</b>	
<b>Signaling protocol</b>	<ul style="list-style-type: none"> <li>Skinnny Client Control Protocol (SCCP) and Session Initiation Protocol (SIP)</li> </ul>
<b>Phone firmware requirement</b>	<ul style="list-style-type: none"> <li>Supported on Version 9.0(2) and later</li> </ul>
<b>Call-control compatibility</b>	<ul style="list-style-type: none"> <li>The phones are supported on Cisco Unified Communications Manager and Cisco Unified Communications Manager Business Edition Versions 7.1.3 and later, as well as Cisco Unified Communications Manager Express 8.0 and later.</li> </ul>
<b>Calling features</b>	<ul style="list-style-type: none"> <li>Adjustable ringing and volume levels</li> <li>Auto-barge</li> <li>Call forward</li> <li>Call pickup</li> <li>Call waiting</li> <li>Conference</li> <li>Group call pickup</li> <li>Hold</li> <li>Message-waiting indicator</li> <li>Meet-me conference</li> <li>Music on hold</li> <li>Mute</li> <li>Redial</li> <li>Shared line</li> <li>Transfer</li> <li>Voicemail (single button access)</li> </ul>
<b>Security features</b>	<ul style="list-style-type: none"> <li>Certificates</li> <li>Image authentication</li> <li>Device authentication</li> <li>File authentication</li> <li>Signaling authentication</li> <li>Media encryption using Secure Real-Time Transfer Protocol (SRTP)</li> <li>Signaling encryption using Transport Layer Security (TLS) Protocol</li> </ul>

Feature	Benefit
	<ul style="list-style-type: none"> <li>Encrypted configuration files</li> </ul> Cryptography is not enabled by default and may only be enabled through a cryptographically enabled CUCM.
<b>Network features</b>	<ul style="list-style-type: none"> <li>Cisco Discovery Protocol and Link Layer Discovery Protocol for Media Endpoint Devices (LLDP-MED)</li> <li>Dynamic network parameters provisioned through Dynamic Host Configuration Protocol (DHCP)</li> <li>Static network parameters provisioned through Embedded interactive-voice-response (IVR) system</li> </ul>
<b>Serviceability</b>	<ul style="list-style-type: none"> <li>Embedded web server that provides configuration and statistics</li> <li>Quality-of-service (QoS) reporting: Jitter, delay, dropped packets, and latency on a per-call basis</li> <li>Real-Time Control Protocol (RTCP) support and monitoring</li> <li>Syslog</li> </ul>

## Licensing

Phone licensing is dependent on the call-control platform and its policies. For Cisco Unified Communications Manager Version 7.1(3) and 7.1(4), the Cisco Unified IP Phone 6911 requests two device license units (DLUs); for Cisco Unified Communications Manager Version 7.1(5) and later, the User Connect Licensing (UCL) fee for basic phones will be applied to the Cisco Unified IP Phone 6911. 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 for the Cisco Unified IP Phone 6911, and Table 3 lists its certifications.

**Table 2.** Product Specifications

Specification	Description
<b>Physical dimensions (H x W x D)</b>	<ul style="list-style-type: none"> <li>8.1 x 7.4 x 1.5 in. (205 x 188 x 38.2 mm)</li> </ul>
<b>Weight</b>	<ul style="list-style-type: none"> <li>Charcoal: Standard: 32.3 oz (917g ); slimline: 31.1 oz (883g)</li> <li>Arctic white: Standard: 34.6 oz (981.3g); slimline: 33.5 oz (948.3g)</li> </ul>
<b>Phone-casing composition</b>	<ul style="list-style-type: none"> <li>Polycarbonate acrylonitrile butadiene styrene (ABS) plastic</li> </ul>
<b>Operational Temperature</b>	<ul style="list-style-type: none"> <li>32 to 104°F (0 – 40°C)</li> </ul>
<b>Relative Humidity</b>	<ul style="list-style-type: none"> <li>10 to 95% (noncondensing)</li> </ul>
<b>Storage Temperature</b>	<ul style="list-style-type: none"> <li>14 to 140°F (-10 to 60°C)</li> </ul>
<b>IEEE Power over Ethernet (PoE)</b>	<ul style="list-style-type: none"> <li>IEEE Power over Ethernet 802.3af supported, Class 1</li> <li>Maximum power consumption: 3.29 watts</li> <li>Considering Ethernet cable loss and 10% buffer, Cisco Discovery Protocol value setting: 3.71 watts</li> </ul>
<b>Local power</b>	<ul style="list-style-type: none"> <li>48 VDC required; it can be supplied locally at the desktop using an optional AC-to-DC power supply (part number CP-PWR-CUBE-3=) or power injector (CP-PWR-INJ=); local power options require a corresponding AC country cord (refer to Table 6 later in this document).</li> </ul>
<b>Language support</b>	<ul style="list-style-type: none"> <li>Only English supported in the embedded IVR system</li> <li>Support for following languages for documentation: Arabic, Bulgarian, Catalan, Chinese (People's Republic of China, Hong Kong, and Taiwan), Croatian, Czech, Danish, Dutch, English—plus localized prompts for the United Kingdom, 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</li> </ul>
<b>Connectivity</b>	<ul style="list-style-type: none"> <li>10/100 wired Ethernet network port plus switched PC port</li> </ul>
<b>Memory</b>	<ul style="list-style-type: none"> <li>16-MB flash memory; 32-MB synchronous dynamic RAM (SDRAM)</li> </ul>

**Table 3.** Certifications

Regulatory Compliance	CE Marking
<b>Safety</b>	<ul style="list-style-type: none"> <li>• Underwriters Laboratories (UL) 60950</li> <li>• Canadian Standards Association (CSA) C22.2 No. 60950</li> <li>• EN 60950</li> <li>• IEC 60950</li> <li>• AS/NZS60950</li> <li>• TS 001</li> </ul>
<b>Electromagnetic compatibility</b>	<ul style="list-style-type: none"> <li>• Federal Communications Commission (FCC) Part 15 (CFR 47) Class B</li> <li>• ICES-003 Class B</li> <li>• EN55022 Class B</li> <li>• CISPR22 Class B</li> <li>• AS/NZS CISPR 22 Class B</li> <li>• CISPR 24</li> <li>• VCCI Class B</li> <li>• EN55024</li> <li>• EN 50082-1</li> <li>• EN 61000-3-2</li> <li>• EN 61000-3-3</li> <li>• EN 61000-6-1</li> </ul>
<b>Telecom</b>	<ul style="list-style-type: none"> <li>• FCC Part 68 (CFR47) HAC</li> <li>• TIA 810A</li> </ul>
<b>Regulatory compliance</b>	<ul style="list-style-type: none"> <li>• CE Marking</li> </ul>

### Warranty Information

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

### Ordering Information

To place an order, visit the [Cisco Ordering Home Page](#) and refer to tables 4, 5, and 6. To download software, visit the [Cisco Software Center](#).

**Table 4.** Ordering Information - Phone and License

Product Name	Part Number
Cisco Unified IP Phone 6911, Charcoal, Standard Handset	CP-6911-C-K9=
Cisco Unified IP Phone 6911, Charcoal, Slimline Handset	CP-6911-CL-K9=
Cisco Unified IP Phone 6911, White, Standard Handset	CP-6911-W-K9=
Cisco Unified IP Phone 6911, White, Slimline Handset	CP-6911-WL-K9=

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

**Table 5.** Ordering Information - Spare and Optional Accessories

Product Name	Part Number
Spare Handset for 6900 Series IP Phones, White, Slimline	CP-6900-LHS-AW=
Spare Handset for 6900 Series IP Phones, Charcoal, Slimline	CP-6900-LHS-CG=
Spare Handset for 6900 Series IP Phones, White, Standard	CP-6900-MHS-AW=
Spare Handset for 6900 Series IP Phones, Charcoal, Standard	CP-6900-MHS-CG=
Spare Handset Cord, White	CP-HS-CORD-W=
Spare Handset Cord, Charcoal	CP-HS-CORD-C=
Spare Footstand for 6911 IP Phone, White	CP-6900-FS-AW=
Spare Footstand for 6911 IP Phone, Charcoal	CP-6900-FS-CG=

Product Name	Part Number
Locking Wallmount Kit for 6900 Series, White	CP-WMK-AW-6900=
Locking Wallmount Kit for 6900 Series, Charcoal	CP-WMK-C-6900=

**Table 6.** Local Power Options: Cube and Regional Cords

Product Name	Part Number
Local power adapter for sites where PoE is not available; refer to following items in this table to select the correct regional power cord. CP-PWR-CUBE-3= is compatible with and can replace CP-PWR-CUBE-2=.	CP-PWR-CUBE-3=
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

### Cisco Unified Communications Services and Support

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, and 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 6901, visit <http://www.cisco.com/go/ipphones/6900> or contact your local Cisco account representative.



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