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Refurbished CISCO CP-6901-W-K9 Datasheet

CISCO > COLLABORATION-ENDPOINTS

Cisco Unified IP Phone 6900 Series

Features and Benefits of Cisco Unified IP Phone 6901	
Hardware	
Industrial design	With a trimline, low-profile design, the phone can also be wall-mounted. The phone offers easy-to-use and intuitive arrangement of lines, keys, and calls. Hold and Redial options on fixed hard keys provide a traditional telephony-like user experience.
Color options	Choice of 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 your employee needs.
Desk and wall mountable	A foldable footstand makes viewing of and use of the buttons and keys easy in the desk-mount case. The phones can be mounted onto the wall without additional Cisco Unified IP Phone 6900 wall-mount kits by working with third-party wallphone wallplates, such as Leviton 4108W-xSP wallplates.
Acoustic Features	
Codec support	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.
Voice quality	Comfort-noise generation and voice-activity-detection (VAD) programming is supported on a system basis.
Firmware	
Signaling protocol	Skinny Client Control Protocol (SCCP) and Session Initiation Protocol (SIP)
Phone firmware requirement	Supported in Version 9.0(2) and higher
Call-control compatibility	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.
Calling features	Adjustable ringing and volume levels Auto-barge Call waiting Conference Hold Message-waiting indicator Music on hold Redial Shared line Transfer
Security features	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 Encrypted configuration files Cryptography is not enabled by default and may only be enabled through a cryptographically enabled CUCM.
Network features	Cisco Discovery Protocol and Link Layer Discovery Protocol for Media Endpoint Devices (LLDP-MED) Dynamic network parameters provisioned through Dynamic Host Configuration Protocol (DHCP) Static network parameters provisioned through Embedded interactive-voice-response (IVR) system
Serviceability	Embedded web server that provides 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

Specifications of Cisco Unified IP Phone 6901

Physical dimensions (H x W x D)	8.1 x 3.7 x 1.8 in.(205 x 94 x 46 mm)
Weight	Charcoal: Standard: 23.5 oz (655.2g); slimline: 21.9 oz (621.2g) Arctic white: Standard: 24.5 oz (695g); slimline: 23.4 oz (662g)
Phone-casing composition	Polycarbonate acrylonitrile butadiene styerene (ABS) plastic
Operating temperature	23 to 113°F (–5 to 45oC)
Nonoperating temperature	13 to 158°F (–25 to 70oC)
Relative humidity	95% +/- 5% noncondensing, from 86 to 140°F (30 to 60 oC)
IEEE Power over Ethernet (PoE)	IEEE Power over Ethernet 802.3af supported, Class 1 Maximum power consumption: 2.77 watts Considering Ethernet cable loss and 10% buffer, Cisco Discovery Protocol value setting: 3.11 watts
Local power	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).
Language support	Only English supported in IVR system 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
Connectivity	10/100 wired Ethernet network port
Memory	8-MB flash memory; 32-MB synchronous dynamic RAM (SDRAM)

Certifications

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
Regulatory compliance	CE Marking

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=

The next steps...

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