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Overview

Cisco CP-8861-K9 integrates 5 inches high-resolution widescreen VGA backlit color display. It supports 10/100/1000 Ethernet switch.

Quick Specs

Figure 1 shows the appearance of the CP-8861-K9.



Table 1 shows the Quick Spec.

Product Code	CP-8861-K9
Display	5" high-resolution (800 x 480) WVGA color display
Ethernet Switch	10/100/1000
Programmable Line Keys	4
Number of Line Keys	5
Full Duplex Speakerphone	Yes
Wideband Audio	Yes
PoE Classification	Class 4
Bluetooth / DECT	Bluetooth
KEM (Key Expansion Module)	Three Optional KEM
Third-party Call Control	Yes

Replaceable Bezel	Yes (Black, Silver)
Wall Mountable	Yes
Package Weight	1.81 Kg

Product Details

Before you use the Cisco IP Phone 8861, it should connect to the corporate IP telephony network.

Figure 2 shows the bottom ports of this IP Phone.



Note:

Number	Description
①	AC power wall plug (optional)
②	Network port (10/100 SW) connection. IEEE 802.3af power enabled.
③	Access port (10/100 PC) connection.
④	Auxiliary port (optional).
⑤	Handset connection.
⑥	Analog headset connection (optional).
⑦	2 USB ports
⑧	1 USB mini ports
⑨	Audio In/Out ports

Figure 3 shows the buttons and hardware.



Note:

Number	Buttons	Number	Buttons
(1)	Handset light strip	(11)	Mute button
(2)	Programmable feature buttons and Session buttons	(12)	Headset button
(3)	Phone screen	(13)	Keypad
(4)	Softkey buttons	(14)	Volume button
(5)	Navigation cluster and Select button	(15)	Applications button
(6)	Release Button	(16)	Messages button
(7)	Transfer button	(17)	Contacts button
(8)	Hold/Resume button	(18)	Back button
(9)	Conference button	(19)	Handset
(10)	Speakerphone button		

Figure 4 shows key expansion module.



CP-8861-K9 offers up to 3 optional Key Expansion Modules. The modules should order separately.

Compare to Similar Items

Table 2 shows the comparison of Cisco IP Phone 8831, 8841, 8851 and 8861.

Model	CP-8831-K9	CP-8841-K9	CP-8851-K9	CP-8861-K9
Ethernet Switch	10/100	10/100/1000	10/100/1000	10/100/1000
Programmable Line Keys	4	4	4	4
Number of Line Keys	1	5	5	5
Full Duplex Speakerphone	Yes	Yes	Yes	Yes
Wideband Audio	Yes	Yes	Yes	Yes
PoE Classification	Class 3	Class 2	Class 3	Class 4
Bluetooth / DECT	DECT (mics)	No	Bluetooth	Bluetooth
Third-party Call Control	Yes	Yes	Yes	Yes
Replaceable Bezel	No	Yes (Black, Silver)	Yes (Black, Silver)	Yes (Black, Silver)
Wall Mountable	No	Yes	Yes	Yes

Get More Information

Do you have any question about the Cisco IP Phone 8861/K9?

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Specification

CP-8861-K9 Specification	
Audio codec support	G.711 a-law and mu-law, G.722, G.729a, Internet Low Bitrate Codec (iLBC), and Internet Speech Audio Codec (iSAC)
Key call features support	<ul style="list-style-type: none"> + Dialing Abbreviated dialing Adjustable ring tones and volume levels Adjustable display brightness Agent greeting Auto-answer Auto-detection of headset cBarge Busy Lamp Field (BLF) Busy Lamp Field (BLF) Pickup Busy Lamp Field (BLF) speed dial Callback



Call forward
Call forward notification
Call filter
Call history lists
Call park
Call pickup
Call timer
Call waiting
Call chaperone
Caller ID
Corporate directory
Conference, including traditional Join feature
Cross Cluster Extension Mobility (EMCC)
Direct transfer
Extension mobility
Fast-dial service
Forced access codes and client matter codes
Group call pickup
Hold
Intercom
Immediate divert
Malicious-caller ID
Message-waiting indicator (MWI)
Meet-me conference
Mobility
Music on hold (MoH)
Mute
Network profiles (automatic)
On- and off-network distinctive ringing
Personal directory
PickUp
Predialing before sending
Privacy
Private Line Automated Ringdown (PLAR)
Redial
Ring tone per line appearance
Service URL
Shared line
Silent monitoring and recording
Speed dial
Time and date display
Transfer
Uniform Resource Locator (URI) dialing
Visual voice mail
Voice mail
Whisper coaching



Electronic hookswitch	You can control the hookswitch electronically with a third-party headset connected to either the USB or auxiliary port, or directly paired with the phone through Bluetooth.
Cisco Intelligent Proximity	Audio path moving sends audio through the IP Phone 8861 for a mobile device-connected call. Call history synchronization allows you to view placed and missed calls of your mobile device from the IP Phone 8861. Contact synchronization allows you to synchronize the contact objects from your mobile device to your IP Phone 8861
Quality-of-service (QoS) options	The phone supports Cisco Discovery Protocol and 802.1Q/p standards, and can be configured with an 801.1Q VLAN header containing the VLAN ID overrides configured by the Admin VLAN ID.
Network features	<ul style="list-style-type: none"> Session Initiation Protocol (SIP) for signaling Session Description Protocol (SDP) IPv4 and IPv6 User Datagram Protocol (UDP) (used only for Real-Time Transport Protocol [RTP] streams) Dynamic Host Configuration Protocol (DHCP) client or static configuration Gratuitous Address Resolution Protocol (GARP) Domain Name System (DNS) Trivial File Transfer Protocol (TFTP) Secure Hypertext Transfer Protocol (HTTPS) VLAN Real-Time Transport Protocol (RTP) Real-Time Control Protocol (RTCP) Cisco Peer-to-Peer Distribution Protocol (PPDP) Cisco Discovery Protocol LLDP (including LLDP-MED) Switch speed auto-negotiation
Security features	<ul style="list-style-type: none"> Secure boot Secure credential storage Device authentication Configuration file authentication and encryption Image authentication Random bit generation Hardware cryptographic acceleration Certificate Authority Proxy Function (CAPF) Manufacturer-Installed Certificates (MIC) Locally Significant Certificates (LSC) Ethernet 802.1x supplicant options: Extensible Authentication Protocol-Flexible Authentication via Secure Tunneling (EAP-FAST) and Extensible Authentication Protocol-Transport Layer Security (EAP-TLS) Signaling authentication and encryption using TLS Media authentication and encryption using SRTP HTTPS for client and server Secure Shell (SSH) Protocol server Secure Sockets Layer (SSL)-based VPN client
Physical dimensions (H × W × D)	9.02 x 10.13 x 1.57 in. (229.1 x 257.34 x 40 mm) (exclude foot stand)
Weight	2.62 lb (1.19 kg)
Phone-casing composition	Polycarbonate acrylonitrile butadiene styrene (ABS) textured plastic; Cosmetic class A
Operational temperature	32 to 104°F (0 to 40°C)
Nonoperational temperature shock	14 to 140°F (-10 to 60°C)

Humidity	<p>Operating 10 to 90%, noncondensing Nonoperating 10 to 95%, noncondensing</p>
Language support	<p>Arabic (Arabic Area) Bulgarian (Bulgaria) Catalan (Spain) Chinese (China) Chinese (Hong Kong) Chinese (Taiwan) Croatian (Croatia) Czech (Czech Republic) Danish (Denmark) Dutch (Netherlands) English (United Kingdom) Estonian (Estonia) French (France) French (Canada) Finnish (Finland) German (Germany) Greek (Greece) Hebrew (Israel) Hungarian (Hungary) Italian (Italy) Japanese (Japan) Latvian (Latvia) Lithuanian (Lithuania) Korean (Korea Republic) Norwegian (Norway) Polish (Poland) Portuguese (Portugal) Portuguese (Brazil) Romanian (Romania) Russian (Russian Federation) Spanish (Columbia) Spanish (Spain) Slovak (Slovakia) Swedish (Sweden) Serbian (Republic of Serbia) Serbian (Republic of Montenegro) Slovenian (Slovenia) Thai (Thailand) Turkish (Turkey)</p>
Certification and compliance	<p>Regulatory compliance</p> <ul style="list-style-type: none"> ◦ CE Markings per directives 2004/108/EC and 2006/95/EC <p>Safety</p> <ul style="list-style-type: none"> ◦ UL 60950 Second Edition ◦ CAN/CSA-C22.2 No. 60950 Second Edition ◦ EN 60950 Second Edition (including A11 & A12)



- IEC 60950 Second Edition (including A11 & A12)
- AS/NZS 60950
- GB4943
- EMC - Emissions
 - 47CFR Part 15 (CFR 47) Class B
 - AS/NZS CISPR22 Class B
 - CISPR22: 2005 w/Amendment 1: 2005 Class B
 - EN55022: 2006 w/Amendment 1: 2007 Class B
 - ICES003 Class B
 - VCCI Class B
 - EN61000-3-2
 - EN61000-3-3
 - KN22 Class B
- EMC - Immunity
 - EN55024
 - CISPR24
 - EN60601-1-2
 - KN24
 - Armadillo Light
- Telecom
 - FCC Part 68 HAC
 - CS-03-HAC
 - AS/ACIF S004
 - AS/ACIF S040
 - NZ PTC 220
 - Industry Standards: TIA 810 and TIA 920
 - Industry Standards: IEEE 802.3 Ethernet, IEEE 802.3af and 802.3at
 - Korea (RRA Public Notification 2010-36, Nov 01, 2010)
 - Korea (RRA Announce 2011-2, Feb28, 2011)
- Radio
 - FCC Part 15.247 (CFR 47)
 - FCC Part 2.1093 (BT RF Exposure TR)
 - RSS-102 (BT RF Exposure TR)
 - RSS-210
 - EN 300.328
 - EN50385 (BT RF Exposure TR)
 - EN 301-489-1
 - EN 301-489-17
 - EN 301-893
 - NCC LP0002
 - Korea (RRL No. 2006-128, RRL No. 2006-129)
 - Japan Bluetooth GFSK/EDR



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WhatsApp Business: +8618057156223

