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## Overview

Cisco CP-8811-K9 integrates 5 inches high-resolution widescreen backlit grayscale display, localized language support to meet the needs of global users, the five programmable line keys can be configured to support multiple directory numbers and various calling features, the fixed function keys allow you one-touch access to applications, messaging, directory and conference. Backlit acoustic keys provide flexibility for audio path selection and switching.

### Quick Specs

Figure 1 shows the appearance of the CP-8811-K9.



Table 1 shows the Quick Spec.

Product Code	CP-8811-K9
Display	5" (800x480) monochrome display with white backlight
Ethernet Switch	10/100/1000
Programmable Line Keys	4
Number of Line Keys	5
Full Duplex Speakerphone	Yes
Wideband Audio	Yes
PoE Classification	Class 2
Third-party Call Control	Yes
Replaceable Bezel	Yes (Black, Silver)
Wall Mountable	Yes

### Product Details

Figure 2 shows the buttons and hardware.



Note:

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

## Compare to Similar Items

Table 2 shows the comparison of Cisco IP Phone 8811, 8831, 8841 and 8851.

Model	CP-8811-K9	CP-8831-K9	CP-8841-K9	CP-8851-K9
Ethernet Switch	10/100/1000	10/100	10/100/1000	10/100/1000
Programmable Line Keys	4	4	4	4
Number of Line Keys	5	1	5	5
Full Duplex Speakerphone	Yes	Yes	Yes	Yes
Wideband Audio	Yes	Yes	Yes	Yes
PoE Classification	Class 2	Class 3	Class 2	Class 3
Bluetooth / DECT	No	DECT (mics)	No	Bluetooth
Third-party Call Control	Yes	Yes	Yes	Yes
Replaceable Bezel	Yes (Black, Silver)	No	Yes (Black, Silver)	Yes (Black, Silver)
Wall Mountable	Yes	No	Yes	Yes

## Get more information

Do you have any question about the Cisco IP Phone 8811/K9?

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# Specification

## CP-8811-K9 Specifications

<b>Audio codec support</b>	G.711a-law and mu-law, G.722, G.729a, Internet Low Bitrate Codec (iLBC), and Internet Speech Audio Codec (iSAC)
<b>Call features</b>	<ul style="list-style-type: none"> <li>+ Dialing</li> <li>Abbreviated dialing</li> <li>Adjustable ring tones and volume levels</li> <li>Adjustable display brightness</li> <li>Agent greeting</li> <li>Auto-answer</li> <li>Auto-detection of headset</li> <li>cBarge</li> <li>Busy Lamp Field (BLF)</li> <li>Busy Lamp Field (BLF) Pickup</li> <li>Busy Lamp Field (BLF) speed dial</li> <li>Callback</li> <li>Call forward</li> <li>Call forward notification</li> <li>Call filter</li> <li>Call history lists</li> <li>Call park</li> <li>Call pickup</li> <li>Call timer</li> <li>Call waiting</li> <li>Call chaperone</li> <li>Caller ID</li> <li>Corporate directory</li> <li>Conference, including traditional Join feature</li> <li>Cross Cluster Extension Mobility (EMCC)</li> <li>Direct transfer</li> <li>Extension mobility</li> <li>Fast-dial service</li> <li>Forced access codes and client matter codes</li> <li>Group call pickup</li> <li>Hold</li> <li>Intercom</li> <li>Immediate divert</li> <li>Malicious-caller ID</li> <li>Message-waiting indicator (MWI)</li> <li>Meet-me conference</li> <li>Mobility</li> <li>Music on hold (MoH)</li> <li>Mute</li> <li>Network profiles (automatic)</li> <li>On- and off-network distinctive ringing</li> <li>Personal directory</li> <li>PickUp</li> <li>Predialing before sending</li> <li>Privacy</li> <li>Private Line Automated Ringdown (PLAR)</li> <li>Redial</li> <li>Ring tone per line appearance</li> <li>Service Uniform Resource Locator (URL)</li> <li>Shared line</li> <li>Silent monitoring and recording</li> <li>Speed dial</li> <li>Time and date display</li> <li>Transfer</li> <li>Uniform Resource Identifier (URI) dialing</li> <li>Visual voice mail</li> <li>Voice mail</li> <li>Whisper coaching</li> </ul>
<b>Electronic hookswitch</b>	You can control the hookswitch electronically with a third-party headset connected to an auxiliary port.
<b>Quality-of-service (QoS) options</b>	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.

<b>Network features</b>	<p>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</p>
<b>Security features</b>	<p>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</p>
<b>Physical dimensions (H x W x D)</b>	<p>9.02 x 10.13 x 1.57 in. (229.1 x 257.34 x 40 mm)  (excluding foot stand)</p>
<b>Weight (with handset)</b>	<p>2.58 lb (1.17 kg)</p>
<b>Phone-casing composition</b>	<p>Polycarbonate acrylonitrile butadiene styrene (ABS) textured plastic; Cosmetic class A</p>
<b>Operational temperature</b>	<p>32 to 104°F (0 to 40°C)</p>
<b>Nonoperational temperature shock</b>	<p>14 to 140°F (-10 to 60°C)</p>
<b>Humidity</b>	<p>Operating 10 to 90%, noncondensing  Nonoperating 10 to 95%, noncondensing</p>

<b>Language support</b>	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)
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