# CP-8841-K9 Datasheet

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## Overview

The Cisco IP Phone 8841 integrates 5 inches high-resolution widescreen VGA backlit color 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.

### Quick Specs

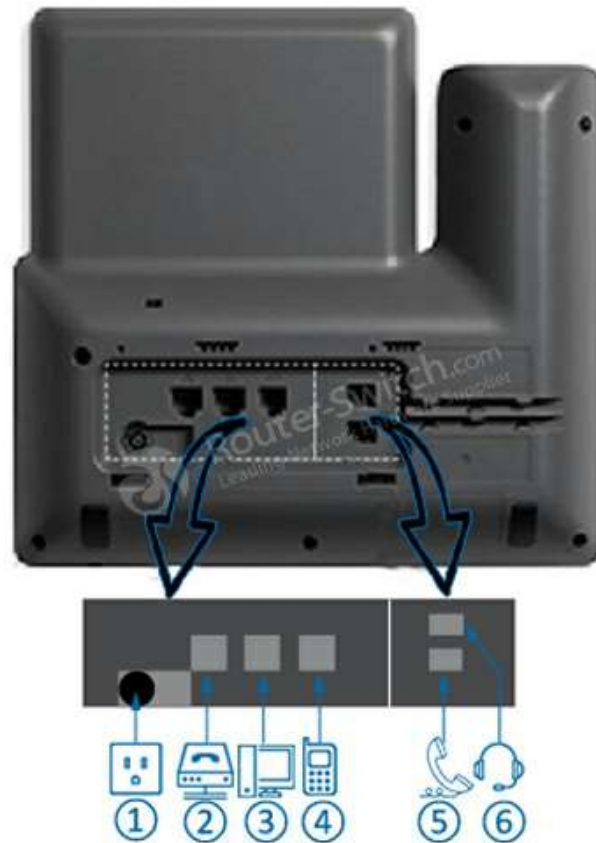**Figure 1 shows the appearance of the CP-8841-K9.**



**Table 1 shows the Quick Spec.**

| Product Code | CP-8841-K9 |
| --- | --- |
| Display | 5'' high-resolution (800×480) 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 2 |
| Third-party Call Control | Yes |
| Replaceable Bezel | Yes(Black, Silver) |
| Wall Mountable | Yes |
| Package Weight | 1.7 Kg |

### Product Details

Before you use the Cisco IP Phone 8841, it should be connected 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). |

**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) | Contacts button |
| (5) | Navigation cluster and Select button | (15) | Volume button |
| (6) | Release Button | (16) | Applications button |
| (7) | Hold/Resume button | (17) | Messages button |
| (8) | Conference button | (18) | Back button |
| (9) | Transfer button | (19) | Handset |
| (10) | Speakerphone button | | |

### Datasheet Download

[PDF] Cisco 8800 IP Phone Datasheet

### Get more information

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# Specification

# CP-8841-K9 Specifications

| | |
|---|---|
| **Audio codec support** | ● G.711a-law and mu-law, G.722, G.729a, Internet Low Bitrate Codec (iLBC), and Internet Speech Audio Codec (iSAC) |
| **Call features** | ● + Dialing<br>● Abbreviated dialing<br>● Adjustable ring tones and volume levels<br>● Adjustable display brightness<br>● Agent greeting<br>● Auto-answer<br>● Auto-detection of headset<br>● cBarge<br>● Busy Lamp Field (BLF)<br>● Busy Lamp Field (BLF) Pickup<br>● Busy Lamp Field (BLF) speed dial<br>● Callback<br>● Call forward<br>● Call forward notification<br>● Call filter<br>● Call history lists<br>● Call park<br>● Call pickup<br>● Call timer<br>● Call waiting<br>● Call chaperone<br>● Caller ID<br>● Corporate directory<br>● Conference, including traditional Join feature<br>● Cross Cluster Extension Mobility (EMCC)<br>● Direct transfer<br>● Extension mobility<br>● Fast-dial service<br>● Forced access codes and client matter codes<br>● Group call pickup<br>● Hold<br>● Intercom<br>● Immediate divert<br>● Malicious-caller ID<br>● Message-waiting indicator (MWI)<br>● Meet-me conference<br>● Mobility<br>● Music on hold (MoH)<br>● Mute<br>● Network profiles (automatic)<br>● On- and off-network distinctive ringing<br>● Personal directory<br>● PickUp<br>● Predialing before sending<br>● Privacy<br>● Private Line Automated Ringdown (PLAR)<br>● Redial<br>● Ring tone per line appearance<br>● Service Uniform Resource Locator (URL)<br>● Shared line<br>● Silent monitoring and recording<br>● Speed dial<br>● Time and date display<br>● Transfer<br>● Uniform Resource Identifier (URI) dialing<br>● Visual voice mail<br>● Voice mail<br>● Whisper coaching |
| **Electronic hookswitch** | ● You can control the hookswitch electronically with a third-party headset connected to the auxiliary port. |
| **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** | ● Session Initiation Protocol (SIP) for signaling<br>● Session Description Protocol (SDP)<br>● IPv4 and IPv6<br>● User Datagram Protocol (UDP) (used only for Real-Time Transport Protocol [RTP] streams)<br>● Dynamic Host Configuration Protocol (DHCP) client or static configuration<br>● Gratuitous Address Resolution Protocol (GARP)<br>● Domain Name System (DNS)<br>● Trivial File Transfer Protocol (TFTP)<br>● Secure Hypertext Transfer Protocol (HTTPS)<br>● VLAN<br>● Real-Time Transport Protocol (RTP)<br>● Real-Time Control Protocol (RTCP)<br>● Cisco Peer-to-Peer Distribution Protocol (PPDP)<br>● Cisco Discovery Protocol<br>● LLDP (including LLDP-MED)<br>● Switch speed auto-negotiation |
| **Security features** | ● Secure boot<br>● Secure credential storage<br>● Device authentication<br>● Configuration file authentication and encryption<br>● Image authentication<br>● Random bit generation<br>● Hardware cryptographic acceleration<br>● Certificate Authority Proxy Function (CAPF)<br>● Manufacturer-Installed Certificates (MIC)<br>● Locally Significant Certificates (LSC)<br>● Ethernet 802.1x supplicant options: Extensible Authentication Protocol-Flexible Authentication via Secure Tunneling (EAP-FAST) and Extensible Authentication Protocol-Transport Layer Security (EAP-TLS)<br>● Signaling authentication and encryption using TLS<br>● Media authentication and encryption using SRTP<br>● HTTPS for client and server<br>● Secure Shell (SSH) Protocol server<br>● 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)<br>(excluding foot stand) |
| **Weight (with handset)** | ● 2.58 lb (1.17 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** | ● Operating 10 to 90%, noncondensing<br>● Nonoperating 10 to 95%, noncondensing |

| Language support | |
|---|---|
| | ● 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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