

Refurbished CISCO CP-8832-K9 Datasheet

CISCO > COLLABORATION-ENDPOINTS

Cisco IP Phone 8800 Series

Features and benefits

Feature	Benefits
Graphical display	480x128-pixel backlit 24-bit color LCD, 3.9-in. (9.9-cm) diagonal
Ethernet switch	10/100 BASE-T via an Ethernet injector
Keys	The phone has the following keys: Four context-sensitive soft key bars Two-way navigation bar and select button Standard keypad Volume-control bar Large mute key for ease of access
IEEE PoE	IEEE PoE Class 3; compatible with both IEEE 802.3af and 802.3at switch blades; supports both Cisco Discovery Protocol and Link Layer Discovery Protocol - Power over Ethernet (LLDP-PoE)
Call control support	Native support in Cisco Unified Communications Manager 12.0(1); DevPack required for Cisco Unified Communications Manager 10.5.2, 11.0, and 11.5

Specifications

Feature	
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Audio	G.711 a-law and mu-law, wideband (G.722), G.729a, G.729ab, Internet Low Bitrate Codec (iLBC), OPUS Automatic Gain Control Comfort Noise Generation Silence Suppression/Voice Activity Detection Echo Suppression Dynamic Noise Reduction
Acoustics	Frequency: Speaker, 100 Hz to 20 kHz; microphones, 100 Hz to 12 kHz, ± 3 dB Max adjustable volume: 89 dB within 0.5 m
Call features	+ Dialing Adjustable ring tones and volume levels Barge Call forward Call history lists Call park Call timer Call waiting Caller ID Corporate directory Conference Hold Music on Hold (MoH) Mute Predialing before sending Redial Shared line Speed dial (Favorites) Time and date display Transfer Voicemail (messages)
Quality-of-Service (QoS) options	The phone supports Cisco Discovery Protocol and 802.1Q/p standards and can be configured with an 802.1Q VLAN header containing the VLAN ID overrides configured by the admin VLAN ID.

Network features	Session Initiation Protocol (SIP) for signaling Session Description Protocol (SDP) IPv4 IPv6 User Datagram Protocol (UDP) (used only for Real-Time Transport Protocol 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 HTTP (HTTPS) VLAN Real-Time Transport Protocol (RTP) Real-Time Control Protocol (RTCP) Cisco Discovery Protocol LLDP (including LLDP-MED) Switch speed auto-negotiation
Security features	Secure credential storage Image authentication Random bit generation Manufacturer-Installed Certificates (MICs) Secure boot SHA-256 enabled for advanced security features 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 v1.2 Media authentication and encryption using SRTP HTTPS for client and server Secure Shell (SSH) Protocol server
Physical dimensions (H x W x D)	10.9 x 10.9 x 2.4 in. (278 x 278 x 61 mm)
Weight	4.07 lb (1.85 kg)
Phone-casing composition	Acrylonitrile Butadiene Styrene (ABS) textured plastic; Cisco 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 Nonoperating 10% to 95%, noncondensing
Language support	Arabic (Arabic Area) Bulgarian (Bulgaria) Catalan (Spain) Croatian (Croatia) Czech (Czech Republic) Danish (Denmark) Dutch (Netherlands) English (United Kingdom) Estonian (Estonia) French (Canada) French (France) Finnish (Finland) German (Germany) Greek (Greece) Hebrew (Israel) Hungarian (Hungary) Italian (Italy) Japanese (Japan) Korean (Korea Republic) Latvian (Latvia) Lithuanian (Lithuania) Norwegian (Norway) Polish (Poland) Portuguese (Portugal) Portuguese (Brazil) Romanian (Romania) Russian (Russian Federation) Serbian (Republic of Serbia) Serbian (Republic of Montenegro) Simplified & Traditional Chinese (China) Slovak (Slovakia) Slovenian (Slovenia) Spanish (Columbia) Spanish (Spain) Swedish (Sweden) Thai (Thailand) Turkish (Turkey) Ukrainian (Ukraine)
Certifications and compliance	Regulatory compliance

CE Markings per directives 2014/30/EU and 2014/53/EU and 2014/35/EU
Safety
UL 60950 Second Edition
CAN/CSA-C22.2 No. 60950 Second Edition
EN 60950 Second Edition (including A11 and A12)
IEC 60950 Second Edition (including A11 and A12)
EN 60950-1
IEC 60950-1
AS/NZS 60950.1
EMC – Emissions
47CFR Part 15 (CFR 47) Class B
AS/NZS CISPR32 Class B
CISPR32 Class B
EN55032 Class B
EN 300 386
ICES003 Class B
VCCI Class B
EN61000-3-2
EN61000-3-3
EN61000-4-2
IEC61000-4-2
EN61000-4-3
IEC61000-4-3
EN61000-4-6
IEC61000-4-6
KN22 Class B
EMC – Immunity
EN55024
CISPR24
KN24
Armadillo Light
Telecom
AS/ACIF S004
NZPTC220
Industry standards: TIA 810 B and TIA 920 A
Industry standards: IEEE 802.3 Ethernet, IEEE 802.3af and 802.3at
Radio
FCC Part 2.1093 (BT RF Exposure TR)
RSS-102 (BT RF Exposure TR)
RSS-210
RSS-213
RSS-247
EN 300 328
EN 300 440
EN 301 406
EN 50385 (BT RF Exposure TR)
EN 301-489-1
EN 301-489-3
EN 301-489-6
EN 301-489-17
EN 301 893
NCC LP0002

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