

— CISCO IP PHONE 8800 SERIES

Cisco IP Phone 8851

CP-8851-K9

The Cisco IP Phone 8851 is a professional business-class collaborative IP phone, delivering high-fidelity, reliable, secure, and comprehensive VoIP communications. Featuring built-in Gigabit Ethernet switch, a high-resolution 5-inch color display, wideband audio, and support for up to two Cisco IP Phone 8800 Key Expansion Modules for enhanced productivity.

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5.0"

High-Res VGA Color Display

Gigabit

10/100/1000 Switch ports

USB 1.1

Charging & Accessory Support

PoE Class 2

IEEE 802.3af Powered Device

PRODUCT OVERVIEW

Advanced IP Telephony & Collaboration for Enterprise Workspaces

Designed for knowledge workers, administrative staff, and managers, the Cisco IP Phone 8851 combines an attractive ergonomic design with wideband audio clarity, comprehensive security features, and energy-efficient performance.

DISP

5-inch Color Display

High-resolution graphical widescreen VGA display (800 x 480 pixel) provides easy-to-read caller information and menus.

AUD

Wideband Audio

Delivers crystal-clear crystal voice performance through full-duplex speakerphone, handset, and headset options.

LAN

Gigabit Switch

Integrated Cisco 10/100/1000 switch ports for both network connection and co-located PC throughput.

EXP

Expansion Ready

Supports up to two Key Expansion Modules (KEMs) for added line and feature key scalability.

SEC

Enhanced Security

Enterprise-grade security standards including TLS, SRTP, and secure boot/device authentication.

USB

USB Port Integration

Includes a standard USB port to charge mobile devices and support USB headsets.

01 / TECHNICAL SPECIFICATIONS

Cisco CP-8851-K9 Detailed Specifications

Official technical specifications for the Cisco IP Phone 8851 enterprise endpoint.

Manufacturer	Cisco Systems, Inc.
Product Family	Cisco IP Phone 8800 Series
Product Model	IP Phone 8851
Part Number (PID)	CP-8851-K9=
Product Type	Enterprise Business VoIP Phone
Display	5-inch (800 x 480 pixel) widescreen VGA backlit color display
Programmable Line Keys	5 programmable line and feature keys
Ethernet Ports	2 x RJ-45 Ethernet ports (10/100/1000BASE-T)
Protocols	Session Initiation Protocol (SIP)

Audio Codecs	G.711a, G.711u, G.722, G.729ab, iLBC, Opus, and ILBC
Speakerphone	Full-duplex wideband acoustic speakerphone
USB Connectivity	1 x USB port (charging and supported USB headsets)
PoE Support	IEEE 802.3af Power over Ethernet (Class 2)
Security Features	Secure Hash Algorithm (SHA), TLS, SRTP, 802.1X Authentication
Dimensions (H x W x D)	229.1 x 257.3 x 40.0 mm (excluding foot stand)
Weight	1.17 kg (including handset and foot stand)
Color	Charcoal

02 / PLATFORM & LICENSING

Call Control & Deployment Environment

Compatibility guidelines for integration into corporate voice architectures.

Call Control Platforms	Cisco Unified Communications Manager (CUCM) 8.5.1 or later; Cisco Cloud Collaboration Hosted; Webex Calling
Licensing Requirement	Requires an Enhanced User Connect License (UCL) or Cisco DNA Essentials/Advantage subscription when deployed with CUCM
Multiplatform Variant	Available separately as CP-8851-3PCC-K9 for third-party open SIP call control providers

Important: Ensure firmware and licensing alignment with your infrastructure (CUCM vs. Webex Calling vs. 3PCC) prior to bulk rollout.

03 / ACCESSORIES

Compatible Cisco Accessories

Expand functionality with matching options and power components.

CP-PWR-CUBE-3=	Cisco Power Cube 3 for non-PoE electrical wall socket deployments
CP-8800-KEM=	Cisco IP Phone 8800 Key Expansion Module (supports up to 2 units)
CP-8800-WMK=	Wall Mount Kit for Cisco IP Phone 8800 Series



Ready to Order Cisco CP-8851-K9?

Get competitive pricing, verified stock status, and express shipping across Dubai and international locations. Connect directly with our enterprise hardware specialists.

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