

Cisco IP Phone 8861

Executive Media Desk Phone with Wi-Fi & Bluetooth

Product Data Sheet
SKU: CP-8861-K9

The **Cisco IP Phone 8861 (CP-8861-K9)** is a top-of-the-line executive collaboration endpoint engineered for high-level managers, executives, and administrative staff. It combines a high-resolution 5-inch color display, integrated Wi-Fi (802.11a/b/g/n/ac), Bluetooth 3.0 mobility, dual fast-charging USB ports, and optional Key Expansion Modules (KEMs) for maximal productivity.

KEY VALUE HIGHLIGHTS

Wireless & Wired Connectivity

Integrated Wi-Fi 802.11a/b/g/n/ac support allows flexible desktop deployment without needing Ethernet cabling.

Cisco Intelligent Proximity

Integrates Bluetooth 3.0 to pair mobile phones, sync contact histories, and route mobile audio directly through the desk phone.

Dual USB High-Power Ports

Includes 2 USB ports (side & back) supporting USB headsets and high-speed mobile device charging up to 500mA each.

Scalable Key Expansion

Supports up to 3 optional Cisco 8800 Key Expansion Modules (KEMs) for high-density line and speed-dial monitoring.

HARDWARE FEATURES & SPECIFICATIONS

Parameter	Specification Detail
Display	5-inch color graphical display (800 x 480 pixels, 24-bit color)
Programmable Keys	5 programmable line / feature keys with tri-color LEDs
Wi-Fi Capabilities	Wi-Fi 802.11a/b/g/n/ac with WPA/WPA2 Enterprise security
Bluetooth Mobility	Bluetooth 3.0 Hands-Free Profile (HFP) & Cisco Intelligent Proximity
USB Ports	2 x USB 2.0 ports (1 side, 1 back) for headsets & fast mobile charging
Ethernet Switch	Dual 10/100/1000BASE-T (RJ-45) internal Gigabit Ethernet switch
Power over Ethernet (PoE)	IEEE 802.3af / 802.3at Class 4 compliant (Max 18.0W)

SECURITY & NETWORK FEATURES

- Authentication & Encryption:** Certificates, Image authentication, Device authentication, SRTP, TLS v1.2.
- Wireless Security:** WPA2 Enterprise, EAP-FAST, EAP-TLS, PEAP, EAP-TTLS, PSK.
- Network Protocols:** SIP signaling, DHCP, CDP, LLDP-MED, UDP, TCP, NTP, HTTP, HTTPS, TFTP.

SOFTWARE & SYSTEM COMPATIBILITY

System Platform	Supported Version / Service
Cisco Unified CM	Version 8.5.1, 8.6.2, 9.1.2, 10.5.2, 11.0 and later.
Cisco Hosted Collaboration	Supported via Cisco HCS 9.1.2 and later.
Cisco Webex Calling	Supported via Multiplatform Phone (MPP) firmware option.
Signaling Protocol	Native Session Initiation Protocol (SIP).

PHYSICAL, ENVIRONMENTAL & POWER SPECIFICATIONS

Physical Dimensions & Weight

- **Dimensions (H x W x D):** 9.02 x 10.13 x 1.57 in (229 x 257 x 40 mm)
- **Weight:** 2.62 lbs (1.19 kg)
- **Footstand:** Dual-position footstand (35° & 50°)

Power Options & Temperature

- **Power Input:** IEEE 802.3at PoE (Class 4) or Optional Power Cube 4
- **Operating Temp:** 32 to 104°F (0 to 40°C)
- **Non-operating Temp:** 14 to 140°F (-10 to 60°C)

FEATURE COMPARISON: CISCO 8800 SERIES PHONES

Model	Display	Line Keys	USB Ports	Wi-Fi / Bluetooth
CP-8841-K9	5" Color (800x480)	4	None	No / No
CP-8851-K9	5" Color (800x480)	5	1 x USB 2.0	No / Bluetooth 3.0
CP-8861-K9	5" Color (800x480)	5	2 x USB 2.0	Wi-Fi 802.11ac / Bluetooth 3.0

ORDERING INFORMATION

- **CP-8861-K9=:** Cisco IP Phone 8861, Charcoal, Standard Enterprise Firmware.
- **CP-8861-3PW-NA-K9=:** Cisco IP Phone 8861 with Multiplatform Phone (MPP) Firmware.
- **CP-8800-A-KEM=:** Key Expansion Module with Color Display (Up to 3 units supported).
- **CP-PWR-CUBE-4=:** Cisco Power Cube 4 (Optional AC Adapter for non-PoE/Wi-Fi use).