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# Cisco Webex Wireless Phone 800 Series

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Cisco Webex Wireless Phones 840 and 860 deliver enterprise-grade voice over IP via wireless smartphones to enable mobility-based productivity.

## Product overview

The Cisco Webex® Wireless Phone 800 Series delivers enterprise-grade voice over IP via wireless, handheld devices. The Webex Wireless Phones provide an application platform that enables third-party applications in a variety of enterprise environments, including healthcare, retail, and manufacturing. These environments require a device that can withstand abuse, while simultaneously enabling users to access information and collaborate quickly and securely with other team members. Webex Wireless Phones deliver security with AES encryption that ensures secure voice-over-Wi-Fi functionality.

The 800 series phones are built to leverage Cisco® Unified Communications Manager for call control. Users can take advantage of common enterprise voice features like conference, transfer, and call park. Administrators will relish the ability to manage productivity-enhancing applications through Cisco Meraki® Enterprise Mobility Management (EMM) or alternately through other third-party EMM providers. Users will achieve new levels of success through collaboration applications like Cisco Webex Teams™, which is included in the phones.

## Features and benefits

Table 1 outlines some of the key features and benefits of the Webex Wireless 800 Series Phones.

**Table 1.** Features and benefits

Feature	Benefit
<b>Android Operating System 10</b>	Enables administrators to control and manage applications deployed to the phones to enable employee productivity
<b>MIL SPEC 810G</b>	Withstands drops to deliver peace of mind and investment protection
<b>IP68 rated hardware (860)</b>	Provides ruggedized hardware that withstands dust and water damage in harsh environments
<b>Hot-swappable battery (860)</b>	Facilitates users to swap batteries in the field without a device restart, providing 100% device uptime
<b>Barcode scanner (optional)</b>	Supports various retail, healthcare, and manufacturing use cases that require barcode scanning

## Licensing

The Cisco Webex Wireless Phone 840 and 860 require an Enhanced User Connect License (UCL) or a Cisco Unified Workspace License (UWL) in order to register to Cisco Unified Communications Manager.

## Product specifications

Table 2 shows the detailed product specifications for each model of the Webex Wireless 800 Series Phones.

**Table 2.** Product specification and hardware features

Hardware feature	Cisco Webex Wireless Phone 860 (CP-860)
Weight	204g, 214g (scanner)
Dimensions	153 x 76 x 12 mm
Battery	Hot-swappable, 3000 mAh
Input power	100 to 240 VAC, ~0.5A, and 50 to 60 Hz AC adapters (by geographical region)
Processor	1.8/2.2 GHz Octa-core, 64-bit processor
Camera	13 MP rear with flash, 8 MP front
Memory	4 GB
Storage	64 GB
Radio frequency standards	2.4 and 5 GHz; 802.11 a/b/g/n/d/h/i/k/r/u/ac
Bluetooth	5.0 LE
Display	5.2-inch 1080x1920, Gorilla-glass multi-touch screen
Buttons	Power, alarm, volume up/down, 2 user-programmable
Operating temperature	32 to 104° F (0 to 40° C)
Storage temperature	-22 to 140° F (-30 to 60° C)
Relative humidity	10% to 95% (noncondensing)
Interfaces	USB-C, 3.5 mm audio, NFC, fingerprint scanner
Durability	Ingress Protection Standard IP68 – protects against dust ingress Waterproof – survives water submersion of more than 1 meter for 30+ minutes MIL-STD-810G drop testing – survives 78 1.5 meter drops onto a steel plate

Hardware Feature	Cisco Webex Wireless Phone 840 (CP-840)
Weight	175g, 181g (scanner)
Dimensions	133 x 66 x 13 mm
Battery	Swappable, 3040 mAh
Input power	100 to 240 VAC, ~0.5A, and 50 to 60 Hz AC adapters (by geographical region)
Processor	1.8 GHz Octa-core, 64-bit processor
Camera	3 GB
Memory	32 GB
Storage	8 MP rear with flash, 2 MP front
Radio frequency standards	2.4 and 5 GHz; 802.11 a/b/g/n/d/h/i/k/r/u/ac
Bluetooth	4.2
Display	4.0-inch 800x480, Gorilla-glass multi-touch screen
Buttons	Power, alarm, volume up/down, 2 user-programmable
Operating temperature	14 to ° F (-10 to 122° C)
Storage temperature	-40 to 178° F (-40 to 70° C)
Relative humidity	10% to 95% (noncondensing)
Interfaces	USB-C, 3.5 mm audio, NFC, fingerprint scanner
Durability	Ingress Protection Standard IP65 – protects against dust ingress Water-resistant – resists water splashed on device  MIL-STD-810G drop testing – survives multiple 1.5 meter drops onto a steel plate

## Software Features

Software Feature	Details
Calling Features	<ul style="list-style-type: none"><li>+Dialing</li><li>Adjustable ringing and volume levels</li><li>Adjustable display brightness and timeout</li><li>Audible and vibrating ringers</li><li>Automatic keypad lock</li><li>Auto-detection of headset and auto-answer from headset (BT)</li><li>Call forward</li><li>Call forward notification</li><li>Callback</li><li>Call history lists</li><li>Call park</li><li>Call reject</li><li>Call timer</li><li>Call waiting</li><li>Caller ID</li><li>Corporate directory</li><li>Conference</li><li>Do Not Disturb (DND)</li><li>Failover, Fallback, Redundancy, Resiliency</li><li>Forced authorization and client matter codes</li><li>G.711u, G.711a, G.722, G.729a, and OPUS Codecs</li><li>Hold/Resume</li><li>Hunt group login/logout</li><li>Immediate divert</li><li>Merge</li><li>Music On Hold (MoH, non-multicast)</li><li>Message Waiting Indication (MWI)</li><li>Mute</li><li>Redial</li><li>Network profile support via EMM/MDM</li><li>Support for Mutual-auth TLS</li><li>Iterative contact search</li><li>Network Hold</li><li>Pre-dialing before sending</li><li>Personal directory</li></ul>

Software Feature	Details
	Time and date display Phone app Reset and Restart through CUCM SIP Digest Authentication SIP Using TCP Speed Dial (on-phone configuration) Transfer: Announced, Blind Visual Voicemail
<b>Codecs</b>	<ul style="list-style-type: none"> <li>• Opus</li> <li>• G.711a, G.711u</li> <li>• G.722</li> <li>• G.729a</li> </ul>
<b>Protocol</b>	Session Initiated Protocol (SIP)
<b>Call Control</b>	Cisco Unified Communications Manager 11.5(1)SU8, 12.5(1)SU3
<b>Security Features</b>	WEP, WPA-Personal, WPA2-Personal, WPA2-Enterprise with 802.1X(EAP-FAST, EAP-TLS, PEAP- MSCHAPv2) with Opportunistic Key Caching (OKC) and Cisco Client Key Management (CCKM)
<b>Configuration Options</b>	<ul style="list-style-type: none"> <li>• Manual or Dynamic Host Configuration Protocol (DHCP)</li> <li>• Support for online firmware upgrades using Trivial File Transfer Protocol (TFTP)</li> <li>• Domain Name Service (DNS)</li> <li>• Simple Network Time Protocol (SNTP)</li> <li>• Lightweight Directory Access Protocol (LDAP)</li> <li>• XML and XHTML</li> </ul>
<b>Application Platform</b>	Android OS 10
<b>User Localization</b>	Danish , Dutch , English (UK), English (US) , Finnish , French (Canada), French (France), German , Hungarian, Italian , Norwegian , Portuguese (Brazilian), Spanish (Spain) , Spanish (Columbia) , Portuguese (Portugal), Slovenian , Russian , Swedish
<b>Geographic Availability</b>	United States, Canada, EU, Australia and New Zealand

## Wireless Features

The Cisco Webex Wireless Phones support a multitude of wireless features including frequencies, channels and IEEE protocols. The details of wireless support are documented in the deployment guide {[hyperlink to the 800 series DG](#), similar to this:

[https://www.cisco.com/c/dam/en/us/td/docs/voice\\_ip\\_comm/cuipph/8821/english/Deployment/8821\\_wlandg.pdf](https://www.cisco.com/c/dam/en/us/td/docs/voice_ip_comm/cuipph/8821/english/Deployment/8821_wlandg.pdf)

## Compliance Details

Category	Details
<b>Compliance Markings</b>	CE Markings per directives 2014/30/EU and 2014/53/EU and 2014/35/EU
<b>Safety</b>	UL 60950-1 CAN/CSA 60950-1 EN 60950-1 IEC 60950-1 AS/NZS 60950.1 IEC 60529 (IP 54)
<b>Electromagnetic Compatibility and Electromagnetic Interference (EMC/EMI)</b>	47 CFR Part 15 Class B ICES-003 Class B EN 55022 Class B AS/NZS CISPR 22 Class B CISPR 22 Class B VCCI Class B EN 61000-3-2 EN 61000-3-3 KN 22 Class B EN 55024 EN 50082-1 EN 61000-6-1 EN 61000-6-3 EN 300 386 EN 60601-1-2 KN Immunity Series
<b>Telecom</b>	FCC Part 68 (CFR) (HAC) NZ PTC 220 DR AS/ACIF S004 and AS/ACIF S040 (Australia) TIA 810-B and TIA 920-A Canada-CS-03-HAC



Category	Details
Radio	USA: FCC Part 15.247 (2.4 GHz), FCC Part 15.407 (5 GHz), and FCC Part 2 Canada: RSS-210 Japan: ARIB STD-T66 (2.4 GHz), ARIB STD-T70, and T71 (4.9/5 GHz) ETSI: EN 300.328 (2.4 GHz) and EN 301.893 (5 GHz) Australia and New Zealand: AS/NZS 4268 Singapore: IDA TS SRD Hong Kong: HKTA1039
RF Exposure	OET-65C (01-01) ANSI C95.1 (91) RSS-102 ACA Radio Communications (Electromagnetic Radiation - Human Exposure) Standard 2003 EN 50360 EN 301 489-1 EN 301 489-17

## Ordering information

Cisco Webex Wireless Phones and accessories can be ordered through certified Cisco partners. Table 3 lists the part numbers available and the details about each part. For more information about ordering and product configuration, partners can visit [the Cisco Ordering Home Page](#). (Use the new version of the Enterprise Phone Ordering Guide).

**Table 3.** Ordering information

Part #	Product description
<b>CP-800-USBCH=</b>	Cisco 800 USB Cable with WW Wall Charger
<b>CP-840-BAT-MCHR=</b>	Cisco 840 Multi-Charger for 6 Batteries with PSU
<b>CP-840-BAT=</b>	Cisco 840 Spare Battery
<b>CP-840-BUN-K9</b>	Cisco 840 WW Phone, Battery, Cable, Charger
<b>CP-840-CLIP=</b>	Cisco 840 Non-Scanner Rotating Belt Clip Holster
<b>CP-840-DCHR-PS-AU=</b>	Cisco 840 Desktop Charger with AU Power Supply
<b>CP-840-DCHR-PS-EU=</b>	Cisco 840 Desktop Charger with EU Power Supply
<b>CP-840-DCHR-PS-NA=</b>	Cisco 840 Desktop Charger with NA Power Supply
<b>CP-840-DCHR-PS-UK=</b>	Cisco 840 Desktop Charger with UK Power Supply
<b>CP-840-DUAL-DCHR=</b>	Cisco 840 Desktop Charger for 1 Phone and 1 Battery

Part #	Product description
CP-840-K9=	Cisco 840 WW Phone and Battery Only
CP-840-PH-DCHR=	Cisco 840 Desktop Charger for 1 Phone
CP-840-PH-MCHR=	Cisco 840 Multi-Charger for 6 Phones with PSU
CP-840S-BUN-K9	Cisco 840S WW Phone with Scanner, Battery, Cable, Charger
CP-840S-CLIP=	Cisco 840S Scanner Rotating Belt Clip Holster
CP-840S-HANDLE=	Cisco 840S Scanner Handle
CP-840S-K9=	Cisco 840S WW Phone with Scanner and Battery Only
CP-860-BAT-DCHR=	Cisco 860 Desktop Charger for Dual Batteries Only
CP-860-BAT-MCHR-BN	Cisco 860 Multi-Charger Bundle for 8 Batteries
CP-860-BAT=	Cisco 860 Spare Battery
CP-860-BUN-K9	Cisco 860 WW Phone, Battery, Cable, Charger
CP-860-CASE=	Cisco 860 Non-Scanner Case with Clip
CP-860-CLIP=	Cisco 860 Non-Scanner Clip
CP-860-DCHR-PSU=	Cisco 860 Desktop Charger WW Power Supply
CP-860-DCHR=	Cisco 860 Desktop Charger for Phone and Spare Battery
CP-860-K9=	Cisco 860 WW Phone and Battery Only
CP-860-MCHR-BN	Cisco 860 Multi-Charger Bundle for 4 Phones and 4 Batteries
CP-860-MCHR=	Cisco 860 Multi-Charger Base with Power Supply
CP-860S-BUN-K9	Cisco 860S WW Phone with Scanner, Battery, Cable, Charger
CP-860S-CASE=	Cisco 860 Scanner Case with Clip
CP-860S-CLIP=	Cisco 860 Scanner Clip
CP-860S-K9=	Cisco 860S WW Phone with Scanner and Battery Only

## Warranty information

Cisco Webex Wireless Phones are covered by a Cisco standard 1-year replacement warranty. A Cisco Smart Net Total Care® optional service agreement is available for the Cisco Webex Wireless Phone 840. The Cisco Webex Wireless Phone 860 cannot be covered by a Smart Net Total Care agreement. Cisco Webex Wireless Phone batteries and other accessories are covered by Cisco's limited 90-day warranty. Approved warranty replacement for the Cisco Webex Wireless Phone 860 will be provided via new product order fulfillment within current product order lead-time.

## Cisco environmental sustainability

Information about Cisco's environmental sustainability policies and initiatives for our products, solutions, operations, and extended operations or supply chain is provided in the "Environment Sustainability" section of Cisco's [Corporate Social Responsibility](#) (CSR) Report.

Reference links to information about key environmental sustainability topics (mentioned in the "Environment Sustainability" section of the CSR Report) are provided in the following table:

Sustainability topic	Reference
Information on product material content laws and regulations	<a href="#">Materials</a>
Information on electronic waste laws and regulations, including products, batteries, and packaging	<a href="#">WEEE compliance</a>

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