

Cisco Video Phone 8875 Data Sheet

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Affordable video desk phone designed for hybrid work, putting quality meetings at your fingertips

Product overview



Cisco® Video Phone 8875 is a premium desk collaboration device with deep Webex® by Cisco integrations and cloud connection. This phone is built for the hybrid world at an affordable price point paired with quality telephony and video capabilities.

The Video Phone 8875 is designed with a 7” touch screen to strengthen interactions with rich telephony features and Webex iconic interface design. Along with an HD 1080p auto focus camera and Smart Audio noise cancellation, you will get high-quality video and audio experiences during calls and meetings.

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Starting Jan 2023 release, Cisco Video Phone 8875 is running on PhoneOS which provides native support for Cisco Unified Communication manager, Broadworks and Webex Calling with one single firmware load. Customer has the flexibility to switch between platforms as they need.

Deep integration with Webex gives users unified contact and call history from the cloud, which unifies data from the Webex application and the phone. Positioned as a product for hybrid work, the 8875 provides hot desking functionality to satisfy open space workers to personalize the device after sign-in. Hot desking gives the users their own contacts, calendar, and phone number no matter where they are working for the day. In addition to increasing productivity, hot desking saves customers operation costs.

Features and benefits

Table 1. Features and benefits

Feature	Benefit
7" touch screen	<ul style="list-style-type: none">• The 1024 × 600 high resolution 7-in. touch screen provides scrollable access to calling features and text-based XML applications• Expand the lines without limitation of hardware keys• Easy for search and input based on virtual keyboard support on touch screen
1080p camera	<ul style="list-style-type: none">• Improved resolution for video meetings with a privacy shutter
Hot desking	<ul style="list-style-type: none">• Enables the Hybrid Workplace through native sign-in/authentication to enable users to seamlessly transition shared devices into personally registered devices for the duration of their time at the desk• Saves hybrid workers time when returning to the office by accessing their personal information with a QR code
Noise removal	<ul style="list-style-type: none">• Background noises and voices are removed• Optimized for user's voice
One Button to Join	<ul style="list-style-type: none">• Webex One Button to Join (OBTJ) experiences to quickly join meetings or call users from the device's touch screen
Cisco headset support	<ul style="list-style-type: none">• Providing USB-C, USB-A, RJ-9, AUX port, and Bluetooth to support Cisco headsets connection and ensure voice quality
Click-to-call	<ul style="list-style-type: none">• Search for contacts on the app and send a call to the phone from the app
Hearing aid compatibility	<ul style="list-style-type: none">• Increase accessibility for hard of hearing users
Adjustable kickstand	<ul style="list-style-type: none">• Adjust the kickstand by 20 degrees
Pivoting camera	<ul style="list-style-type: none">• 72° horizontal field of view, 45° vertical field of view

Prominent feature

Full Webex integration is one touch away to quality communication

The Video Phone 8875 integration with Webex enables users to join Webex meetings with one button. Forget entering meeting IDs and passcodes, save time and join the meeting instantly. Additionally, the 8875 offers click-to-call, allowing users to search for a contact in the app and send the call to their phone. Never miss a beat with unified contacts and call history, no matter where you are working.

Platform support

Table 2. 8875 backend server support

Platforms Supported	Certifications
Cisco Webex Calling	Interoperability Tested and Certified
Broadworks Release 24.0	Interoperability Tested and Certified
Webex for Broadworks	Interoperability Tested and Certified
Cisco Unified Communication Manager 12.5+	Interoperability Tested and Certified

Product sustainability

Information about Cisco’s Environmental, Social and Governance (ESG) initiatives and performance is provided in Cisco’s CSR and sustainability [reporting](#).

Table 3. Cisco Environmental Sustainability Information

Sustainability Topic	Reference
Information on product-material-content laws and regulations	Materials
Information on electronic waste laws and regulations, including our products, batteries, and packaging	WEEE Compliance

Product specifications

Table 4. Product specifications

Features	Specifications
Display	<ul style="list-style-type: none"> • 7-inch LCD monitor • 1024*600 resolution • IPS LED panel • Contrast ratio: 1200:1 (typical) • Viewing angle: +/- 85° (typical) • Brightness: 350 cd/m2 color depth 16.7M colors
Camera	<ul style="list-style-type: none"> • 72° horizontal field of view, 45° vertical field of view • f/2.2 aperture • 4MP image sensor, supports up to 30 fps • 1/3-inch CMOS • Face detection-based automatic focus and exposure • Automatic white balance • Focus distance: 20 cm (about 7.87 in) to infinity • Privacy shutter and LED light in front (indicating camera status)
Audio	<ul style="list-style-type: none"> • Frequency response: 150 Hz – 20 kHz full band support • AEC (Acoustic Echo Cancellation) • BGN (Background Noise Reduction) • AGC (Automatic Gain Control) • CNG (Comfort Noise Generation) • VAD (Voice Activity Detection) • Silence Suppression • Acoustic Shock Protection (Handset/headset) • Packet Loss Concealment • Adaptive Jitter Buffer • Dual Tone Multi-Frequency (DTMF) tone generation (RFC 2833 and in-band) • TIA-920 WB/HD audio compliant
Audio codec support	<ul style="list-style-type: none"> • G.711 a-law and mu-law, G.722, G.729a, Internet Low Bitrate Codec (iLBC), and Internet Speech Audio Codec (iSAC)
Video	<ul style="list-style-type: none"> • Video stream: full HD 1080p30 • H.264 AVC

Features	Specifications
Hard keys	<ul style="list-style-type: none"> • Hold/Resume, Transfer, and Conference keys • Messaging, Application, and Directory keys • Standard keypad • Volume-control toggle key • Speakerphone, Headset, and Mute keys • Home button • Power button
Backlit indicator	<ul style="list-style-type: none"> • The phone supports backlit indicators for the audio path keys (Handset, Headset, and Speakerphone), Home button, and message waiting.
Handset	<ul style="list-style-type: none"> • The handset is a standard wideband-capable audio handset (connects through an RJ-9 port). • The standard coiled cord has a custom end for concealed cable routing beneath the phone (cord length is approximately 21 in. [55 cm (about 1.8 ft)] coiled and up to 72 in. (183 cm (about 6 ft)) extended). • The handset is Hearing Aid-Compatible (HAC) and meets Federal Communications Commission (FCC) loudness requirements for the Americans with Disabilities Act (ADA). You can achieve Section 508 loudness requirements by using industry-standard inline handset amplifiers such as Walker Equipment W-10 or CE-100 amplifiers. The dial pad is also ADA-compliant.
Speakerphone	<ul style="list-style-type: none"> • The full-duplex speakerphone gives you flexibility in placing and receiving calls with hands free. For added security, the audible dual tone multifrequency (DTMF) tones are masked when the speakerphone mode is used.
Analog headset	<ul style="list-style-type: none"> • The analog headset jack is a standard wideband-capable RJ-9 audio port.
AUX port	<ul style="list-style-type: none"> • You can use an auxiliary port to support electronic hook switch control with a headset connected to it.
USB	<ul style="list-style-type: none"> • One USB-C and one USB-A port enhance the usability of call handling by enabling wired or wireless headsets, in addition to providing charging capability to mobile devices such as smartphones or tablets. • A side USB-A port provides up to 2.1A power output at 5V or 10.5W for charging.
Ethernet switch	<ul style="list-style-type: none"> • An internal 2-port Cisco Ethernet switch allows for a direct connection to a 10/100/1000BASE-T Ethernet network (IEEE 802.3i/802.3u/802.3ab) through an RJ-45 interface with single LAN connectivity for both the phone and a co-located PC. • The system administrator can designate separate VLANs (IEEE 802.1Q) for the PC and phone, providing improved security and reliability of voice and data traffic.
Bluetooth	<ul style="list-style-type: none"> • The phone offers Bluetooth 4.2 LE, Enhanced Data Rate (EDR) Class 1 technology (up to 66-ft [20m] range). • Hands-Free Profile (HFP) is supported for untethered headset connections and voice communications.
Wi-Fi	<ul style="list-style-type: none"> • Wi-Fi 802.11a/b/g/n/ac • 2.4 GHz/5 GHz dual bands • Authentication: WPA, WPA2, EAP-FAST, PEAP-MSCHAPv2, PEAP-GTC • IEEE 802.11d • IEEE 802.11r • IEEE 802.11e • IEEE 802.11h • Call admission control (CAC)

Features	Specifications
Power	<ul style="list-style-type: none"> • IEEE Power over Ethernet class 4 is supported • Input rating: 1.041A, 48VDC • Networked standby power consumption: 5.92W • Standby mode: 0.17W
Key call features support (Subject to calling platform)	<ul style="list-style-type: none"> • Caller ID • Call waiting • Call hold/resume • Music on Hold (MoH) • Mute/unmute for both audio and video • Call forward • No not disturb • Call park • Call pickup • Transfer • Conference • Speed dial • Uniform Resource Identifier (URI) dialing • Voicemail • Share line • Barge • Privacy • Local call history • Remote call history • Directory search • Favorites • Adjustable ring tones and volume levels • Adjustable display brightness • Time and date display • Time zone settings • E.911
Webex cloud features	<ul style="list-style-type: none"> • Webex unified call history • Webex unified directory • One button to Join Webex Meetings • Webex assistant to make calls and join meeting (in further release) • Noise removal • Hot-desking (in further release) • Metrics for analytics and debugging

Features	Specifications
Network features	<ul style="list-style-type: none"> • Session Initiation Protocol (SIP) for signaling • Session Description Protocol (SDP) • IPv4 and IPv6 • User Datagram Protocol (UDP) (used only for Real-Time Transport Protocol [RTP] 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 Media Endpoint Discovery [LLDP-MED]) • Switch speed auto-negotiation
Platform	<ul style="list-style-type: none"> • Cisco Webex Calling • Cisco Broadworks
Security	<ul style="list-style-type: none"> • Secure boot • Secure credential storage • Device authentication • Configuration file authentication and encryption • Image authentication • Random bit generation • Hardware cryptographic acceleration • Secure Unique Device Identifier (SUDI) • 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 • Media authentication and encryption using SRTP • HTTPS for client and server
Physical dimensions (H x W x D)	<ul style="list-style-type: none"> • 10.79 x 10.139x 4.32 in. (273.58 x 258.85 x 109.62 mm) (excluding foot stand)
Weight	<ul style="list-style-type: none"> • 1310g
Phone-casing composition	<ul style="list-style-type: none"> • Polycarbonate Acrylonitrile Butadiene Styrene (ABS) textured plastic; Cosmetic class A
Operating temperature	<ul style="list-style-type: none"> • 32 to 104° F (0 to 40° C)
Nonoperating temperature shock	<ul style="list-style-type: none"> • 14 to 140° F (-10 to 60° C)
Humidity	<ul style="list-style-type: none"> • Operating 10 to 90%, noncondensing • Nonoperating 10 to 95%, noncondensing

Features	Specifications
Language Support	<ul style="list-style-type: none"> • English (United States) • English (United Kingdom) • French (France) • French (Canada) • Danish (Denmark) • Dutch (Netherlands) • Czech (Czech Republic) • German (Germany) • Hungarian (Hungary) • Italian (Italy) • Norwegian (Norway) • Polish (Poland) • Portuguese (Portugal) • Russian (Russian Federation) • Swedish (Sweden) • Turkish (Türkiye) • Spanish (Spain) • Ukrainian (Ukraine)
Certification and compliance	<ul style="list-style-type: none"> • CE Markings per directives 2014/53/EU and 2014/30/EU • Safety <ul style="list-style-type: none"> ◦ UL 60950 Second Edition ◦ UL 62368-1 ◦ CAN/CSA-C22.2 No. 60950 Second Edition ◦ CAN/CSA 62368-1 ◦ EN 60950 Second Edition (including A11 and A12) ◦ EN 62368 ◦ IEC 60950 Second Edition (including A11 and A12) ◦ IEC 62368-1 ◦ AS/NZS 60950 ◦ AS/NZS 62368 • EMC - Emissions <ul style="list-style-type: none"> ◦ 47CFR Part 15 (CFR 47) Class B ◦ AS/NZS CISPR32 Class B ◦ CISPR32: 2015 Class B ◦ EN 55032:2015+A11:2020 Class B ◦ ICES003 Class B ◦ VCCI Class B ◦ EN61000-3-2 ◦ EN61000-3-3 ◦ KS C 9832:2019 • EMC - Immunity <ul style="list-style-type: none"> ◦ EN 55035:2017+A11:2020 Class B ◦ KS C 9835:2019 ◦ Armadillo Light

Features	Specifications
	<ul style="list-style-type: none"> ● Telecom <ul style="list-style-type: none"> ◦ FCC Part 68 HAC ◦ CS-03-HAC ◦ AS/ACIF S004 ◦ AS/ACIF S040 ◦ NZ PTC 220 ◦ Industry Standards: TIA 810 and TIA 920 ◦ Industry Standards: IEEE 802.3 Ethernet, IEEE 802.3af and 802.3at ◦ Korea (RRA Public Notification 2020-6, Sep. 25th, 2020) ◦ Korea (RRA Announce 2022-1, Jan. 3, 2022) ● Radio <ul style="list-style-type: none"> ◦ FCC Part 15.247 ◦ FCC Part 15.407 ◦ FCC Part 2.1091 (BT RF Exposure TR) ◦ RSS-102 (BT RF Exposure TR) ◦ RSS-247 ◦ EN 300 328 ◦ EN 301893 ◦ EN 62311 ◦ EN 301 489-1 ◦ EN 301 489-17 ◦ Korea (KS X 3123:2022, KS X 3124:2020, KS X 3126:2020) ● Japan Bluetooth GFSK/EDR

Ordering information

Table 5. Ordering information

Part #	Product Description
CP-8875-K9=	Cisco Video Phone 8875, Carbon Black
CP-8875-L-K9=	Cisco Video Phone 8875, First Light White
CP-PWR-CUBE-4	Cisco Power Cube 4
CP-PWR-CORD-CE=	Power Cord European
CP-PWR-CORD-NA=	Power Cord North America
CP-PWR-CORD-UK=	Power Cord United Kingdom
CP-PWR-CORD-AP=	Power Cord Asia Pacific

Part #	Product Description
CP-PWR-CORD-AU=	Power Cord Australia
CP-PWR-CORD-SW=	Power Cord Switzerland
CP-PWR-CORD-JP=	Power Cord Japan
CP-PWR-CORD-CN=	Power Cord China

Warranty information

The Cisco Video Phone 8875 phones are covered by a Cisco standard 1-year replacement warranty.

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Document history

New or revised topic	Described in	Date

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