

Cisco Unified SIP Phone 3951

The Cisco® Unified SIP Phone 3951 is a cost-effective, entry-level phone that addresses the needs of a lobby, laboratory, manufacturing floor, and hallway. The capabilities of the phone can also fill the communication needs of cubicle, retail, classroom, or manufacturing workers or anyone who exhibits low to moderate telephone usage. The key to this entry-level phone is that it is a 2-line phone with a half-duplex speakerphone and internal microphone. The Cisco Unified SIP Phone 3951 provides fixed feature keys that provide 1-touch access to redial, transfer, conference, hold, line select, mute, speakerphone, and voicemail access features. The line select, mute, conference, Message Waiting Indicator, and speakerphone keys provide LEDs to indicate status for these features. In addition, the phone supports a 2-line x 24-character display along with 2 menu select keys and a 2-way rocker for scrolling control. This display enables support for additional capabilities such as caller ID; directory services such as missed call list, placed call list, etc.; and the ability to configure the phone. Finally, the Cisco Unified SIP Phone 3951 offers the choice of IEEE 802.3af Power over Ethernet (PoE), or local power through an optional power adaptor (Figure 1).

Figure 1. Cisco Unified SIP Phone 3951



Features

The Cisco Unified SIP Phone 3951G is designed to grow with your organization. Tables 1 through 7 present the features, specifications, and compliance information of the Cisco Unified SIP Phone 3951, Table 8 provides ordering information, and Table 9 lists available optional accessories.

Table 1. Features and Descriptions

Feature	Description
Hold or Resume key	Pressed to put a call on hold and pressed again to resume the held call
Lighted Speakerphone key	Lights when pressed to indicate that the speakerphone is currently being used
Lighted Mute key	Lights when pressed to indicate that the microphone has been muted
Two lighted Line keys	- Flashes fast when an incoming call is received on that line during the alerting stage of the call; it can be used to answer the call during the alerting stage, in which case the phone uses the speakerphone and thus the Speakerphone key is lit; when the call is answered the key stays lit until the call is completed - If pressed when no calls are being received it selects the line; if the line is not already selected, it places the phone off hook and provides dial tone through the speaker; both the Line key and the Speakerphone keys are lit - Flashes when a call has been placed on hold on that line; can also be used to retrieve the call from hold
Lighted Conference key	Can be used during a call to conference in a third party into the current call; flashes while the conference call is set up and remains lit after the 3-way call is established
Redial key	Can be used to redial the last person called
Transfer key	Can be used to transfer a call
Lighted message waiting indicator	Lights when there is new voicemail (also the Voice Mail key lights) and stays lit until new voicemail has been processed by the user; when pressed, connects the user to voicemail system
Graphical display	Graphical monochrome display with a resolution of 144 x 32 pixels, providing a scrollable 2-line intuitive access to Directory Services and configuration
Scroll toggle bar	The scroll toggle bar allows easy movement through the displayed information
Network features	Cisco Discovery Protocol; IEEE 802.1 p/q tagging and switching
Volume control	A volume-control toggle to provide easy decibel-level adjustments of the handset, monitor speaker, and ringer
Single-position foot stand	Optimum display viewing and comfortable use of keys; the foot stand can be removed for wall mounting with mounting holes located on the base of the phone
American Disabilities Act (ADA) features	Hearing aid-compatible (HAC) handset that meets the requirements set by the ADA; it also meets ADA HAC requirements for a magnetic coupling to approved hearing aids; the phone dialing pad also complies with the ADA
Signaling protocol support	Compatible with Cisco CallManager Version 5.1(x) and later, using the SIP protocol
Codec support	G.711, G.729, and G.729a audio-compression codecs
Configuration options	Provisioning of network parameters through Dynamic Host Configuration Protocol (DHCP)
Voice quality	Voice activity detection (VAD)

Table 2. Security Features

Item	Description
Password	Access to the Phone Configuration controlled through a password

Table 3. Software and Physical Specifications

Item	Description
Firmware upgrades	Download firmware changes from Cisco.com
Software upgrades	Software upgrade supported using a Trivial File Transfer Protocol (TFTP) server
Dimensions (H x W x D)	7.87 x 7.08 x 1.77 in. (200 x 180 x 45 mm)
Weight	1.1 lb (505g)
Phone casing composition	Plastic (resin ABS-HB, Resin: SD-0150) in textured dark gray

Table 4. Power Options

Item	Description
IEEE 802.3af PoE	Can receive power from IEEE 802.3af-compliant switches
Local power	Can also be powered locally with a power adapter (CP-PWR-CUBE-3=) along with one of the power cords listed in Table 5
Power injector	Cisco Unified IP Phone Power Injector (CP-PWR-INJ), which can also be used to power the Cisco Unified SIP Phone 3951

Table 5. AC Region and County-Specific Power Cords (Needed only when phone is powered locally with the CP-PWR-CUBE-3)

Part Number	Description
CP-PWR-CORD-AP=	Asia Pacific
CP-PWR-CORD-AR=	Argentina
CP-PWR-CORD-CN=	China
CP-PWR-CORD-NA=	North America

Table 6. Temperature Ratings

Item	Description
Operating temperature	23 to 104°F (–5 to 40°C)
Relative humidity	90% +/-5
Storage temperature	Up to 140°F (60°C)

Table 7. Certifications

Item	Description
Safety	• UL 60950 • EN 60950 • IEC 60950
Electromagnetic compatibility	• Federal Communications Commission (FCC) Part 15 (CFR 47) Class B • CISPR22 Class B • CISPR 24 • EN 50082-1 • EN 61000-3-2 • EN 61000-3-3 • EN 61000-6-1
Telecom	FCC Part 68 (47CFR) (HAC)

Table 8. Ordering Information

Part Number	Description
CP-3951	Phone (license available as a configuration option)
CP-3951=	Spare phone
CP-3951-CME-CH1	SKU for tier 2 distributors only

Table 9. Optional Accessories

Part Number	Description
CP-HANDSET-CORD=	Spare phone handset cord
CP-LCKNGWALLMNT2=	Universal locking wall-mounting kit
CP-PWR-CUBE-3=	Local power adapter for sites where PoE is not available; refer to Table 5 for the right power cord part number for your region
CP-PWR-INJ	The Cisco Unified IP Phone Power Injector (CP-PWR-INJ) can also be used to power the Cisco Unified SIP Phone 3951

Warranty

The Cisco Unified SIP Phone 3951 is covered by a Cisco standard 90-day hardware warranty.

Cisco Unified IP Communications Services and Support

Cisco Unified IP Communications services and support reduce the cost, time, and complexity associated with implementing a converged network. Cisco and its partners have designed and deployed some of today's largest and most complex IP communications networks—meaning that they understand how to integrate a Cisco Unified IP Communications solution into your network.

Cisco design tools and best practices ensure the solution best fits your business needs from the start, eliminating costly redesigns and downtime. The company's proven methods ensure a sound implementation that will deliver the functions and features you expect—on time. Support services include remote network operations, network management tools to administer the converged application and network infrastructure, and technical support services.

Through these services, your organization benefits from the experience gained by Cisco and its partners. Taking advantage of this valuable experience, you can create and maintain a resilient converged network that will meet your business needs today—and in the future.



Americas Headquarters
Cisco Systems, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706
USA
www.cisco.com
Tel: 408 526-4000
800 553-NETS (6387)
Fax: 408 527-0883

Asia Pacific Headquarters
Cisco Systems, Inc.
168 Robinson Road
#28-01 Capital Tower
Singapore 068912
www.cisco.com
Tel: +65 6317 7777
Fax: +65 6317 7799

Europe Headquarters
Cisco Systems International BV
Haarlerbergpark
Haarlerbergweg 13-19
1101 CH Amsterdam
The Netherlands
www-europe.cisco.com
Tel: +31 0 800 020 0791
Fax: +31 0 20 357 1100

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