

Cisco SPA525G IP Phone



Product Name: Cisco SPA525G IP Phone
Manufacturer: Cisco Systems
Model Number: SPA-525G

Cisco SPA 525G IP Phone

The Cisco SPA525G is a 5-Line Business IP Phone with with Color Display, Enhanced Connectivity and Media. The SPA525G is an excellent choice for businesses that require a more enhanced user experience with a hosted IP telephony service, an IP PBX, or a large-scale IP Centrex deployment. The Cisco SPA525G uses SPA voice over IP technology with high-quality hardware that provides additional connectivity via Bluetooth for headset connectivity, Power over Ethernet (802.3af), or a Wireless-G client (802.11g).
Cisco SPA 525G Key Features

- Full-featured and stylish 5-line business IP phone supporting up to two SPA500S (32 button) expansion modules
- Enhanced connectivity, with Power over Ethernet, 802.11g Wi-Fi client mode, and Bluetooth headset support
- Graphic-rich, high-resolution 3.2-inch QVGA 320 x 240 color screen
- Simple, easy, and highly secure wireless setup with industry-standard push-button WPS and quick provisioning capabilities for mass-scale service provider activation
- Embedded SSL VPN client for secure phone connectivity to your IPPBX over any public internet connection
- Support for multimedia functions, such as playing MP3's, displaying digital photos, viewing RSS feeds, and displaying video surveillance camera streams
- Multi feature support, such as caller ID, call forwarding, call transfer, 3-way conferencing, call parking, call history, phonebook, and built-in full-duplex speakerphone
- Supports both SIP with SPA9000 or leading third party call control platforms and SPCP Protocols with Cisco Unified Communication 500 Series

Extended Networking Capabilities

The SPA525G IP Phone from Cisco continues to improve the user experience with VPN and video surveillance applications. The Cisco SPA 525G IP Phone comes with an embedded VPN client that allows remote users to securely connect to their phone system and make calls over the Internet, without the need of additional hardware. The Cisco SPA 525G IP Phone also provides users the ability to view video feeds from Cisco PVC2300 video surveillance cameras, allowing users to quickly see different locations around the business in order to improve physical security. Comprehensive Interoperability and SIP-Based Feature Set

Standard features on the Cisco SPA 525G IP Phone include five active lines, VLAN-capable dual switched Ethernet ports, 802.3af PoE support, a 3.2-inch QVGA color display, a full-duplex, high-quality speakerphone, a Bluetooth interface for headset connectivity, a Wireless-G (802.11g) client, a 2.5-mm stereo headset port, and a USB 2.0 host port. Each line can be configured independently to use a unique phone number (or extension) or can use a shared number that is assigned to multiple phones.

Carrier-Grade Security, Provisioning, and Management

Model	Line	Display	Software	Power	Bluetooth	802.11g	802.11n	802.11ac
Cisco SPA 500S	1							
Cisco SPA 525G	5							
Cisco SPA 500S	1							

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Cisco SPA 525G IP Phone Technical Specifications Telephony Features

- Lighted line keys: 5 illuminated call appearance line buttons with tricolor LEDs
- Hold key: Puts current call on hold
- Voicemail key: One button access to voicemail
- Menu key: Accesses Call History, Directory, Speed Dials, MP3 Player, Web Applications, User Preferences, Network Configuration, Device Administration and Status
- Lighted mute key: Lights up red when the call is on mute, and turns off when mute is removed
- Lighted headset key: Lights up when pressed and using a Bluetooth or 2.5-mm headset for hands-free calling
- Lighted speakerphone key: Activates full-duplex speakerphone; stays lit while speakerphone is on
- Lighted message waiting indicator: Lights when there is new voicemail; visible on the phone chassis above the LCD screen; stays lit until the new voicemail has been processed by the user
- Graphical display: Color 3.2-in. QVGA (320 x 240) LCD graphical display
- 5-way navigational buttons: Navigating menus and multimedia applications
- 4 soft-key buttons: Dynamically present calling options to the user
- Volume control: Volume-control toggle provides easy decibel-level adjustments of the handset, monitor speaker, and ringer.

Call Control and Audio Features

- Call hold
- Music on hold
- Call waiting
- Caller ID name and number and outbound caller ID blocking
- Caller ID mapping for incoming calls
- Outbound caller ID blocking
- Call transfer-attended or blind
- Call conferencing-hosted (N-party) or local (3-party)
- Call forwarding-unconditional, no answer, on busy
- Visual voice message waiting indicator (VMWI)
- Shared/bridge line appearance
- Call pickup-selective and group
- Call park and unpark
- Call back on busy
- Call blocking-anonymous and selective
- Do not disturb
- Intercom
- Group paging
- Extension mobility
- Configurable dial/numbering plan support with interdigit timers-per line
- URL (IP) dialing support
- Distinctive ringing based on calling and called number
- Supplementary services feature activation codes
- Supplementary services announcements codes
- Configurable supplementary services soft keys
- Individual volume setting per each audio path (headset/handset/speaker)

Applications

- Customizable screen saver on phone display (Photo Album)
- Music player (MP3)
- RSS web services

- Cisco Monitor View
- SIP third-party call control for server-based applications
- Lightweight Directory Access Protocol (LDAP) and Cisco XML-based corporate directory support

Network Features

- Cisco Discovery Protocol, IEEE 802.1p/Q
- Wi-Fi: 802.11b/g, Wi-Fi Multimedia (WMM) (802.11e)
- Wi-Fi security: Wired Equivalent Privacy (WEP), 64 or 128 bit, Wi-Fi Protected Access (WPA), Personal and Enterprise, WPA2, Personal and Enterprise, Wi-Fi Protected Setup (WPS)
- Ethernet switch: 10/100 PC switch port enables LAN connectivity to a co-located PC. The system administrator can designate separate VLANs (802.1Q) for the PC and Cisco IP phones, providing improved security and reliability of voice and data traffic. 802.3af PoE WAN port.

Signaling Protocol Support

- Smart Phone Control Protocol (SPCP)
- SIP version 2

Voice Features

- SIP proxy redundancy-dynamic via DNS SRV, A records
- Reregistration with primary SIP proxy server
- SIP support in network address translation (NAT) networks (including simple traversal [STUN])
- Codec name assignment
- Voice algorithms: G.711 (A-law and μ -law), G.726 (32 kbps), G.729 AB, G.722, Wideband Audio
- Dynamic payload support
- Adjustable audio frames per packet
- Dual-tone multifrequency (DTMF): in-band and out-of-band (RFC 2833) (SIP INFO)
- Flexible dial plan support with interdigit timers
- IP address/Uniform Resource Identifier (URI) dialing support
- Call progress tone generation
- Jitter buffer-adaptive
- Frame loss concealment
- Voice activity detection (VAD) with silence suppression
- Attenuation/gain adjustments
- VMWI via NOTIFY, SUBSCRIBE
- Caller ID support (name and number)

Data Features

- MAC address (IEEE 802.3)
- IPv4 (RFC 791)
- Address Resolution Protocol (ARP)
- DNS A record (RFC 1706), SRV record (RFC 2782)
- Dynamic Host Configuration Protocol (DHCP) client (RFC 2131)
- Point-to-Point Protocol over Ethernet (PPoE) client (RFC 2516)
- Internet Control Message Protocol (ICMP) (RFC 792)
- TCP (RFC 793)
- User Datagram Protocol (UDP) (RFC 768)
- Real Time Protocol (RTP) (RFC 1889, 1890)
- Real Time Control Protocol (RTCP) (RFC 1889)
- Differentiated Services (DiffServ) (RFC 2475), type of service (ToS) (RFC 791, 1349)
- VLAN tagging 802.1p/Q

- Simple Network Time Protocol (SNTP) (RFC 2030)

Security

- Password-protected system reset to factory default
- Password-protected administrator and user access authority
- HTTPS with factory-installed client certificate
- HTTP digest-encrypted authentication via MD5 (RFC 1321)
- Up to 256-bit Advanced Encryption Standard (AES) encryption
- SIP over TLS for signaling encryption
- SSL VPN
- Secure RTP for media encryption

Provisioning, Administration and Maintenance

- Web browser administration and configuration via integrated web server
- Automated provisioning and upgrade via HTTPS, HTTP, or (TFTP)
- Asynchronous notification of upgrade availability via NOTIFY
- Nonintrusive, in-service upgrades
- Report generation and event logging
- Stats in BYE message
- RTP media loopback for quality of service (QoS) monitoring
- Syslog and debug server records-per-line configurable

Physical

- Dimensions (H x W x D): 214 x 212 x 44 mm (8.4 x 8.3 x 1.7 in)
- Weight: 0.9 kg (2.0 lb)
- Operating temperature: 32°°F to 113°°F (0°°C to 45°°C)
- Relative Humidity: 5% to 95% noncondensing, operating and non-operating
- Storage Temperature: -13°°F to 176°°F (-25°°C to 80°°C)

Regulatory Compliance

- FCC
- CE
- C-Tick
- Wi-Fi
- Hearing aid compatible (HAC)
- Reduction of Hazardous Substances (RoHS)
- Bluetooth

Safety Certifications

- UL 60950
- C-UL 60950
- EN 60950
- IEC 60950

Electromagnetic Compatibility

- FCC Part 15 (CFR 4) Class B
- ICES-003 Class B
- EN 55022 Class B
- CISPR 22 Class B

Cisco SPA525G IP Phone

- CISPR 24
- EN 55024
- EN 50082-1
- EN 61000-3-2
- EN 61000-3-3
- EN 61000-6-1

Telecom Certifications

- FCC Part 68 (CFR47) HAC

Price: £179.80

Options available for Cisco SPA525G IP Phone :

Power Supply Required

Not Required, [Required \(+£9.00\)](#).