

# Cisco SPA501G IP Phone



Product Name: Cisco SPA501G IP Phone

Manufacturer: Cisco Systems

Model Number: SPA-501G

## Cisco SPA501G IP Phone

Please Note: The Cisco SPA501G does not feature an LCD screen. If you require an LCD screen, we recommend the Cisco SPA504G.

The Cisco SPA501G is an IP Phone that has been fully tested to ensure comprehensive interoperability with equipment from VoIP infrastructure leaders. The SPA501G is an 8-Line VoIP Phone with a 2-Port Switch and PoE which is part of Cisco's Small Business Pro Series. Cisco SPA501G IP Phone Key Features

- Full-featured 8-line business-class VoIP phone supporting Power over Ethernet (PoE)
- Connects directly to an Internet telephone service provider or to an IP private branch exchange (PBX)
- Easy installation and highly secure remote provisioning, as well as menu-based and web-based configuration
- Wideband audio for unsurpassed voice clarity and enhanced speaker quality
- Paper label insert for buttons to indicate speed dials, shared lines, or extensions
- Supports up to two Cisco SPA500S Expansion Module, adding an additional 64 buttons
- Supports both Session Initiation Protocol (SIP) and Smart Phone Control Protocol (SPCP) with the Cisco Unified Communications 500 Series for Small Business

With hundreds of features and configurable service parameters, the Cisco SPA501G IP Phone addresses the requirements of traditional business users while building on the advantages of IP telephony.

Phone	Line	Display	Call Mgmt	Speakerphone	Video Conferencing
Cisco SPA 501G IP Phone	1			128	
Cisco SPA 501G IP Phone	2			128	
Cisco SPA 501G IP Phone	3			128	
Cisco SPA 501G IP Phone	4			128	
Cisco SPA 501G IP Phone	5			128	
Cisco SPA 501G IP Phone	6			128	
Cisco SPA 501G IP Phone	7			128	
Cisco SPA 501G IP Phone	8			128	

## Cisco SPA501G Technical Specifications

### Telephony Features

- Eight voice lines
- Four Independent SIP Registrations
- Line status: active line indication
- User interface driven by Interactive Voice Response (IVR)
- Shared line appearance
- Speakerphone
- Call hold
- Music on hold
- Call waiting
- Outbound caller ID blocking
- Call transfer: attended and blind
- Three-way call conferencing with local mixing
- Multiparty conferencing via external conference bridge
- Automatic redial of last calling and last called numbers

- On-hook dialing
- Call pickup: selective and group

## Hardware Features

- Paper label area
- Dedicated illuminated buttons for: Audio mute on/off, Headset on/off, Speakerphone on/off
- Voicemail message waiting indicator (VMWI) light
- Voicemail message retrieval button
- Dedicated hold button
- Settings button for access to IVR menu
- Volume control rocking up/down knob controls handset, headset, speaker, ringer
- Dedicated keys for redial, cancel, conference, and transfer
- Standard 12-button dialing pad
- High-quality handset and cradle
- Built-in high-quality microphone and speaker
- Headset jack: 2.5 mm
- Two Ethernet ports with integrated Ethernet switch: 10/100BASE-T RJ-45
- 802.3af-compliant PoE
- Optional 5 VDC universal (100-240V) switching; power supply is ordered separately (Cisco PA100)

## Data Networking

- 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)
- Internet Control Message Protocol (ICMP) (RFC 792)
- TCP (RFC 793)
- User Datagram Protocol (UDP) (RFC 768)

## Voice Gateway

- SIP version 2 (RFC 3261, 3262, 3263, 3264)
- SPCP with the Cisco Unified Communications 500 Series
- SIP proxy redundancy: dynamic via DNS SRV, A records
- Reregistration with primary SIP proxy server
- SIP support in NAT networks (including STUN)
- SIPFrag (RFC 3420)
- Secure (encrypted) calling via SRTP
- Codec name assignment
- Voice algorithms: G.711 (A-law and  $\mu$ -law), G.726 (16/24/32/40 kbps), G.729 A, G.722

## Power Supply

- Power supply is optional and is purchased separately
- Models: Cisco PA100-NA, PA100-EU, PA100-UK, PA100-AU
- DC output voltage: +5 VDC at 2.0A maximum
- Switching power adapter: 100-240V 50-60 Hz AC input

## Physical Interfaces

# Cisco SPA501G IP Phone

- Two 10/100BASE-T RJ-45 Ethernet ports (IEEE 802.3)
- Handset: RJ-9 connector
- Built-in speakerphone and microphone
- Headset 2.5mm jack

## Security Features

- Password-protected system, preset to factory default
- Password-protected access to administrator and user-level features
- 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 Transport Layer Security (TLS)
- Secure Real-Time Transport Protocol (SRTP)

## Physical

- Body dimensions (W x H x D): 8.42 x 8.35. x 1.73 in. (214 x 212 x 44 mm)
- Unit weight: 2.00 lb ( 0.9 kg)
- Operating temperature: 32&ordm; ~ 104&ordm;F (0&ordm; ~ 40&ordm;C)
- Storage temperature: -4&ordm; ~ 158&ordm;F (-20&ordm; ~ 70&ordm;C)
- Operating humidity: 5% to 95% noncondensing
- Storage humidity: 5% to 95% noncondensing

## Regulatory Compliance

- FCC (Part 15, Class B)
- CE Mark
- A-Tick
- C-Tick
- Telepermit
- UL
- CB

**Price: £57.10**

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Options available for Cisco SPA501G IP Phone :

## Power Supply Required

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