

# Linksys SPA942 IP Phone



Product Name: Linksys SPA942 IP Phone

Manufacturer: -

Model Number: SPA-942-C

Availability: Discontinued

Please note that the Linksys SPA942 has been discontinued. We recommend the Cisco SPA504G as a good alternative. The new Linksys SPA942 is a functionally powerful, easy to use business phone. Featuring comprehensive interoperability and a secure mass deployment capability and more:

- Standard Features on the SPA-942 include: - Two Active Lines - Dual switched Ethernet ports - Power-over-Ethernet - High Resolution graphical display - Full duplex speaker-phone - 2.5mm head-set port.
- The SPA942 is an affordable, business class telephone which can be easily configured as a two line phone. With a simple software update the SPA-942 is upgradeable to four lines.
- Each line can be independently configured to use a unique phone number (or extension), or can be configured to use a shared number that is assigned to multiple phones.
- The SPA-942 can be used in SOHO, enterprise, small to medium business service offerings including IP PBX, hosted IP telephony and IP Centrex along with residential use.
- The SPA942 is based on industry leading VoIP technology from Linksys to deliver a high quality IP phone that is unparalleled in features, value and support.
- The SPA942 is simple to use, with well laid out function keys & utilises the call processing functionality found in existing Linksys products.

## Key Features

- Up to 4 lines with independent configuration
- Dual switched Ethernet ports
- Call logs- made, answered, missed calls, with time- 60 entries each
- Caller ID
- Multiple ringtones with selectable default ring tone per line
- Personal address book with auto dial- 100 entries
- Speed dialling
- Hands free option
- Call hold, call waiting, call transfer, call conferencing, Do not disturb.
- Built in web server for administration
- 128x64 Monochrome LCD graphical display with back light
- Automated provisioning- up to 256 byte encryption - TFTP - DHCP option 66 support - HTTP - HTTPS

## Data Networking

- MAC Address (IEEE 802.3)
- IPv4- Internet Protocol Version 4 (RFC 791)
- DHCP Client- Dynamic Host Configuration Protocol (RFC 2131)
- ICMP- Internet Control Message Protocol (RFC 792)
- TCP- Transmission Control Protocol (RFC 793)
- UDP- User Datagram Protocol (RFC 768)
- RTP- Real Time Protocol (RFC 1889) (RFC 1890)
- RTCP- Real Time Control Protocol (RFC 1889)
- DiffServ (RFC 2475) Type of Service- TOS (RFC 791/1349)
- VLAN Tagging 802.1p/q - Layer 2 Qos
- SNTP- Simple Network Time Protocol (RFC 2030)
- ARP- Address Resolution Protocol

- DNS- A Record (RFC 1706) SRV Record (RFC 2782)

## Voice Over IP

- SIPv2- Session Initiation Protocol Version 2 (RFC 3261, 3262, 3263, 3264)
- SIP Proxy Redundancy- Dynamic via DNS SRV, A records
- Re-registration with Primary SIP Proxy Server
- SIP Support in Network Address Translation Networks- NAT (incl. STUN)
- SIPFrag (RFC 3420)
- Secure (Encrypted) Calling via Pre-Standard Implementation of Secure RTP
- Codec Name Assignment

## Voice Algorithms

- G.711 (A-law and mu-law)
- G.726 (16/24/32/40 kbps)
- G.729 A
- G.723.1 (6.3 kbps, 5.3 kbps)
- Jitter Buffer- Adaptive
- Frame Loss Concealment
- VAD- Voice Activity Detection w/ Silence Suppression
- Attenuation/Gain Adjustments
- MWI- Message Waiting Indicator Tones
- VMWI- Voice Mail Waiting Indicator
- Caller ID Support (Name & Number)
- Third Party Call control (RFC 3725)
- Dynamic Payload Support
- Adjustable Audio Frames per Packet
- DTMF: In-band & Out-of-Band (RFC 2833) (SIP INFO)
- Flexible Dial Plan Support with Configurable Inter-Digit Timers
- IP Address/URI Dialing Support
- Call Progress Tone Generation

## Security

- Password Protected System Reset to Factory Default and Configuration
- Provisioning/Configuration/Authentication
- HTTPS with Factory Installed Client Certificate
- HTTP Digest- Encrypted Authentication via MD5 (RFC 1321) -Up to 256-bit AES Encryption
- Password Protected Admin and User Access Authority

## Provisioning, Administration and Maintenance

- Web Browser Administration and Configuration via Integral Web Server
- Automated Provisioning & Upgrade Availability via HTTPS
- Report Generation and Event Logging
- Syslog and Debug Server Records
- Per Line and Purpose Configurable Syslog and Debug Options
- Non-Intrusive, In-Service Upgrades

## Physical Data Interfaces

- 2 x 100baseT RJ-45 Ethernet Ports (IEEE 802.3)

## Voice I/O Interfaces

# Linksys SPA942 IP Phone

- Handset: RJ-7 Connector
- Speaker-phone & Microphone- Built-in
- Headset 2.5mm Port

## Regulatory Compliance

- FCC Part 15 Class A, B
- CE Mark

## Power Supply

- Switching Type with Modular Wall Plug Clip- County/Region Specific
- Power Consumption: 5 WATTS
- Power Adaptor: 100-240v- 50-60Hz (26-34VA) AC Input, 1.8m cord
- DC Input Voltage: +5 VDC at 2.0 A Max

## Indicator LEDs- Lights

- Line (4)
- Speaker-phone
- Headset
- Message Waiting
- Mute + Status (Provision, Alert, Upgrade)
- Voicemail Message Retrieval button

## Environmental

- Operating Temperature 32 to 113 F (0 to 45 C)
- Relative Humidity 10 to 90% non-condensing, operating and non- operating
- Storage Temperature -13 to 185 F (-25 to 85 C)

## Box Contents

- 1- Linksys IP Phone- Colour- Dark Grey
- 1- Handset- Colour- Dark Grey
- 1- RJ-45 Ethernet Cable- 1.8m (3ft) Cord- Colour Black
- 1- Linksys Quick Start Guide
- 1- Handset Cord- Colour- Dark Grey
- 1- Telephone Desk Stand
- 1- 5v Power Adapter- 1.8m (3ft) Cord (purchased separately)

## Documentation

- Administration Guide- Available to Service Providers Only
- Provisioning Guide- Available to Service Providers Only
- Quick-Start Guide
- User Guide

The Linksys SPA 942 requires a Power adapter if your network does not support PoE (power over ethernet). Please select the appropriate option from the drop-down menu below.

Linksys SPA Series VoIP Phone (SIP) Comparison Table

SPA Model

Voice Lines

Ethernet Ports

High Resolution Display

Power Over Ethernet

Mains Power Supply

SPA901

1

1

N

N

Y

SPA921

1

1

Y

N

Y

SPA922

1

2

Y

Y

N

SPA941

2-4

1

Y

N

Y

SPA942

2-4

# Linksys SPA942 IP Phone

2

Y

Y

N

SPA962

6

2

Y Colour

Y

N

**Price: £84.40**

Options available for Linksys SPA942 IP Phone :

**Power Supply Unit**

Default - UK 5V Power Supply Unit (PSU) (+£10.00), - Not Required -.