

ProVu Communications

Linksys SPA-942



A stylish SIP business phone with a parameter of rich features.

The Linksys SPA-942 is a functionally powerful, easy to use business phone. It is suitable for most demanding business/office environments, due to its excellent call quality and interoperable functions.

Business phone

Standard call feature's on this phone include two active lines with independent configuration options; with the choice to upgrade to a four line business class phone. 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.

Power over Ethernet compatible

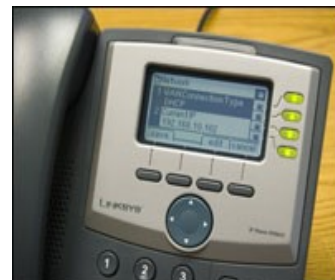
This VoIP phone has dual switched Ethernet ports so you can easily connect your phone to a PC. It supports Power over Ethernet, making it easier for a busy office environment.

Simple to use

The SPA-942 is simple to use, with well laid out function keys and a menu driven interface. This makes it ideal for any SOHO, enterprise, SME and home office use.

Key Features

- Up to 4 phone lines
 - Supports power over Ethernet
 - Dual switched Ethernet ports
 - Hands free option
 - Call hold, call waiting, call conferencing, do not disturb
 - Call logs – made, answered, missed, with time; 60 entries each
 - Caller ID
 - Multiple ring tones with selectable default ring tone per line
 - Personal address book with auto-dial – 100 entries
 - Speed dialling
 - Built in web server for administration
 - Monochrome LCD display with back light
 - Automated provisioning – up to 256 byte encryption
- TFTP – DHCP option 66 support
-HTTP
-HTTPS



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Technical Data

Data Networking

- MAC Address (IEEE 802.3)
- IPv4- Internet Protocol Version 4 (RFC 791)
- ARP- Address Resolution Protocol
- DNS- A Record (RFC 1706) SRV Record (RFC 2782)
- 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)

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)
- 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
- 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)

Security

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

Provisioning, Administration and Maintenance

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

Physical Data Interfaces

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

Voice I/O Interfaces

- 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
- DC Input Voltage: +5 VDC at 2.0 A Max
- Power Consumption: 5 WATTS
- Power Adaptor: 100-240v- 50-60Hz (26-34VA) AC Input, 1.8m cord

Indicator LEDs- Lights

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

Environmental

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

Box Contents

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

Documentation

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

Warranty

- One Year Hardware- Limited