

ProVu Communications Linksys SPA-922



Advanced, affordable, Feature Rich IP Phone for Business or Home office use.

Stylish and functional in design, the SPA-922 IP phone is ideal for a residence or business using a hosted IP telephony service, an IP PBX, or a large-scale IP Centrex deployment.

The SPA-922 utilizes industry leading VoIP technology from Linksys to deliver a high quality IP phone that is unparalleled in features, value, and support.

High quality features:

Standard features on the SPA-922 include dual switched Ethernet ports, 802.3af PoE, a high resolution graphical display, speaker phone and a 2.5 mm head-set port.

Easily Configured

The SPA-922 supports one line with two call appearances and provides support for three way conferencing, attended call transfer, and placing a call on hold to answer an incoming call. The line can be configured as a unique phone number (or extension), or can be configured to share a number that is assigned to multiple phones.

Key Features

- 1 phone line with two call appearances
- Supports PoE
- 128 x 64 monochrome backlit LCD display
- 2.5mm headset jack
- Hands free option
- Menu driven user interface
- Call hold, Call waiting, Call transfer, attended and blind
- 3 way call conferencing, Do not disturb.
- Call logs- made, answered, missed calls, with time- 60 entries each
- Personal phone book with auto dial (100 entries)
- Caller ID
- Multiple ring tones with selectable default ring tone per line
- Personal address book with auto dial- 100 entries
- Speed dialling
- Automated provisioning up to 256 byte encryption
- Multiple ring tones
- Built in web server for administration and configuration

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Linksys SPA - 922

Technical Data

Data Networking

- MAC Address (IEEE 802.3)
- Ipv4- Internet Protocol Version 4 (RFC 791) upgradeable to v6 (RFC1883)
- 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 802.1 p/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
- 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 Dialling 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
- YMWI- Via NOTIFY, SUBSCRIBE
- Caller ID Support (Name & Number)
- Third Party Call Control (RFC 3725)

Voice Algorithms

- -G.711 (A-law and mu-law)
- -G.726 (16/24/32/40 kbps)
- -G.729 A
- -G.723 (6.3 kbps, 5.3 kbps)

Provisioning, Administration and Maintenance

- Web server provides Web Based Administration and Configuration
- Automated Provisioning & Upgrade Availability via HTTPS, HTTP, TFTP
- Asynchronous Notification of Upgrade Availability via NOTIFY
- 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

- 100baseT RJ-45 Ethernet Port (IE 802.3)
- Handset:RJ-7 Connector
- Built in Speaker phone and microphone
- Headset 2.5 mm Port

Indicator LEDs- Lights

- Line LED State Indication: Active, Idle, On Hold, Unregistered
- On/Off Button with LED
- Headset On/Off Button with LED
- Mute Button with LED
- Message Waiting Indicator LED
- Retrieval Button
- Hold Button
- LED Test Function

Regulatory Compliance

- FCC Part 15 Class A, B
- CE Mark

Security

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

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

Box Contents:

- SA922IP Phone, Handset, and Stand
- Handset Cord- Colour- Dark Grey
- RJ-45 Ethernet Cable- 1.8m (3ft) Cord- Colour Black
- Linksys Quick Start Guide

Environmental

- Dimensions- 195 x 160 x 180 mm
- Unit Weight- 2.15Lbs (0.9752kg)
- Storage Temp- -13°-185°F (-25-85°C)
- Operating Humidity- 10-90% Non Condensing
- Storage Humidity 10-90% Non-Condensing

NO POWER SUPPLY INCLUDED