

## ProVu Communications Linksys SPA-941



### A stylish 2 or 4 line business phone from Linksys

The SPA-941 is an affordable, business class telephone. It can be configured as a two line phone or, via a simple software upgrade, to four lines. This phone also boasts features such as a high resolution graphical display, a full duplex speaker phone, headset jack and message waiting indicator.

### User Friendly

The SPA-941 is simple to use, with well laid out function keys and a user friendly menu. Call logs (missed, made and answered) and a 100 entry personal address book make this phone easy to manage.

### Suitable for almost any environment

Stylish and functional in design, the SPA-941 can be used in SOHO, enterprise, small to medium business. Service offerings including IP PBX, hosted IP telephony and IP Centrex.

### Key Features

- Up to 4 lines with independent configuration
- Hands free option
- Call hold, Call waiting, Call transfer, Call conferencing, Do not disturb.
- Call logs- made, answered, missed calls, 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
- Automated provisioning- up to 256 byte encryption
  - TFTP- DHCP option 66 support
  - HTTP
  - HTTPS



# ProVu Communications

## Linksys SPA-941

### Technical Data

#### Data Networking:

- MAC Address (IEEE802.3)
- 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)
- 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)
- 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 (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
- YMWI- Via NOTIFY, SUBSCRIBE
- Caller ID Support (Name & Number)

#### 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 Encryption

#### Provisioning, Administration and maintenance:

- Web Browser Administration and Configuration via Integral Web Server
- Automated Provisioning & 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:

- One RJ-45 Port- Ethernet 10baseT Interface (IEEE 802.3)

#### Regulatory Compliance:

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

#### 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 LED's - Lights

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

#### Environmental:

- Operating Temperature 41 to 113 F (5 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- 5v Power Adapter- 1.8m (3ft) Cord
- 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