

TELEFONO SPA921

Package Contents:

- 1 - SPA921 IP Phone, Handset, and Stand
- 1 - Handset Cord - 56 cm (26 in)
- 1 - 5v Power Adapter - 1.8 m (6 ft) Cord
- 1 - RJ45 Ethernet Cable - 1.8 m (6 ft) Cord
- 1 - Quick Installation Guide



Model:

SPA921

Note: Many features are programmable within a defined range or list of options. Please see the SPA Administration Guide for details. The target configuration profile is uploaded to the SPA921 at the time of provisioning.

Data Networking:

MAC Address (IEEE 802.3)

IPv4 - Internet Protocol v4 (RFC 791) upgradeable to v6 (RFC 1883)

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 (RFC792)

TCP - Transmission Control Protocol (RFC793)

UDP - User Datagram Protocol (RFC768)

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 Gateway:

- 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 (including STUN)
- SIPFrag (RFC 3420)
- Secure (Encrypted) Calling via Pre-Standard Implementation of Secure RTP
- Codec Name Assignment

Voice Algorithms:

- G.711 (A-law and μ -law)

- G.726 (16/24/32/40 kbps)

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- G.729 A
- G.723.1 (6.3 kbps, 5.3 kbps)

- Dynamic Payload Support
- Adjustable Audio Frames Per Packet
- DTMF: In-band and Out-of-Band (RFC 2833) (SIP INFO)
- Flexible Dial Plan Support with Inter-Digit Timers
- IP Address / URI Dialing Support
- Call Progress Tone Generation
- Jitter Buffer - Adaptive
- Frame Loss Concealment
- VAD - Voice Activity Detection with Silence Suppression
- Attenuation / Gain Adjustments
- MWI - Message Waiting Indicator Tones
- VMWI - Visual Message Waiting Indicator - Via NOTIFY, SUBSCRIBE
- Third Party Call Control (RFC 3725)
- Caller ID Support (Name and Number)

Provisioning, Administration, and Maintenance:

- Integrated Web Server Provides Web Based Administration and Configuration
- Telephone Key Pad Configuration via Display Menu / Navigation
- Automated Provisioning and Upgrade via HTTPS, HTTP, TFTP
- Asynchronous Notification of Upgrade Availability via NOTIFY
- Non-intrusive, In-Service Upgrades
- Report Generation and Event Logging
- Statistics Transmitted in BYE Message
- Syslog and Debug Server Records - Configurable Per Line

Physical Interfaces:

Switching Type (100-240v) Automatic

DC Input Voltage: +5 Volts DC at 2.0 Amps Maximum

Power Consumption: 5 Watts

Power Adapter: 100-240v - 50-60Hz (26-34VA) AC Input, 1.8m (6 ft) cord

Power Supply:

1 10baseT RJ-45 Ethernet Port (IEEE 802.3)

Handset: RJ-7 Connector

Built-in Speakerphone and Microphone

Headset 2.5 mm Port

Indicator Lights/LED:

- Four (4) Call Appearance/Line Buttons with Associated Tricolor LED
- Line LED State Indication: Active, Idle, On Hold, Unregistered
- Speakerphone On/Off Button with LED
- Headset On/Off Button with LED

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- Mute Button with LED
- Message Waiting Indicator LED
- Voicemail Message Retrieval Button
- Hold Button
- LED Test Function

Dimensions: 7.68 x 6.30. x 7.09 in (195 x 160 x 180 mm) W x H x D

Unit Weight: 2.15 lbs (0.9752 kg)

Operating Temp.: 41°~113°F (5°~45°C)

Storage Temp.: -13°~185°F (-25°~85°C)

Operating Humidity: 10~90% Non-condensing

Storage Humidity: 10~90% Non-Condensing