

TELEFONO SPA922

Hardware

- Pixel-Based Display—128 x 64 Monochrome Graphical Liquid Crystal Display (LCD)
- Dedicated Illuminated On/Off Buttons for Audio Mute, Headset, and Speakerphone
- Four Soft Key Buttons
- Four Way-Rocking Directional Button for Menu Navigation
- Voice Mail Message Waiting Indicator Light
- Voice Mail Message Retrieval Button
- Dedicated Hold Button
- Settings Button for Access to Feature, Set-up, and Configuration Menus
- Volume Control Rocking Up/Down Button Controls Handset, Headset, Speaker, Ringer
- Standard 12-Button Dialing Pad
- High-Quality Handset (RJ-7 connector) and Cradle
- Built-In High Quality Microphone and Full-Duplex Speakerphone
- Headset Jack—2.5 millimeter port
- LED Test Function
- Two Ethernet LAN Ports with Integrated Ethernet Switch – 100BaseT RJ-45
- 802.3af Compliant PoE
- Optional 5 volt DC Universal (100-240 Volt) Switching (Power Supply is Ordered Separately)



Security

- Password-Protected System, Preset to Factory Default
- Password-Protected Access to Administrator and User Level Features
- HTTPS with Factory-Installed Client Certificate
- HTTP Digest—Encrypted Authentication via MD5 (RFC 1321)
- Up to 256-bit AES Encryption

Dimensions 7.68" x 6.3" x 7.09" (195 x 160 x 180 mm)

Weight 2.15 lb (0.9752 kg)

Power

- DC Input Voltage: +5 Volts DC at 2.0 Amps Maximum
- Power Consumption: 5 Watts
- Switching Type (100-240v) Automatic
- Optional Power Adapter (models PA100-NA, PA100-EU, PA100-UK, PA100-AU): 100-240v - 50-60Hz (26-34VA) AC Input

Certification FCC (Part 15, Class B), CE, A-Tick, ICES-003

Operating Temp. 32 to 113°F (0 to 45°C)

Storage Temp. -13 to 185°F (-25 to 85°C)

Operating Humidity 10 to 90%, Noncondensing

Storage Humidity 10 to 90%, Noncondensing

Package Contents

- 1 SPA922 IP Phone, Handset, and Stand
- 1 Handset Cord
- 1 RJ-45 Ethernet Cable
- 1 Quick Installation Guide

(Optional Power Supply is Ordered Separately)

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

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

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- 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—Voice Mail Waiting Indicator—Via NOTIFY, SUBSCRIBE
- Caller ID Support (Name and Number)
- Third Party Call Control (RFC 3725)