



Highlights:

- √ 2 SIP lines
- √ Fast Ethernet - 10/100Mbps Ethernet
- √ Opus voice
- √ Support local 6-party conference
- √ Built-in 2.4GHz WiFi, supporting wireless network connection.
- √ Economic and Environmental Friendly design with Elegant housing
- √ Compatible with major platforms: Asterisk, Broadsoft, 3CX, Metaswitch, Elastix, Avaya etc.

S1W is an entry-level IP Phone, 128x48 dot matrix screen, supports 2 SIP accounts, built-in 2.4GHz WiFi, 3-way conference call and other rich functions; it provides the high-quality and convenient experience for users at an affordable price.

Generic

- 2 SIP Line
- Dot-matrix Screen without backlight
- Handset(HS) / Hands-free(HF) / Headphone(HP) mode
- Desktop stand

Call Features

- Call out / answer / reject
- Mute / Unmute (microphone)
- Call Hold / Resume
- Call Waiting
- Intercom
- Caller ID Display
- Speed Dial
- Anonymous Call (Hide Caller ID)
- Call Forwarding (Always/Busy/No Answer)
- Call Transfer(Attended/Unattended)
- Call Parking / Pick-up (depending on server)
- Redial/Auto-Redial
- Do-Not-Disturb (per line / per phone)
- Auto-Answering (per line)
- Voice Message (on server)
- Local 3-way Conference
- Hot Line
- Hot-Desking

Phone Features

- Phonebook (1000 entries)
- Remote Phonebook (XML/LDAP)
- Call log (600 entries, in/out/missed)
- Black/White List Call Filtering
- Voice Message Waiting Indication (VMWI)
- Programmable Soft keys
- Network Time Synchronization
- Built-in 2.4GHz Wi-Fi (X1W Only)
Network standard: IEEE 802.11b/g/n
Transmission rate: Up to 150Mbps (dynamic)
- Action URL / Active URI
- Support Plantronics wireless headset (Through Plantronics APD-80 EHS Cable)
- Support Recording (on Server)
- uaCSTA

Network Features

- 10/100Mbps Ethernet, dual bridged port for PC bypass
- IP Configuration: Static / DHCP / PPPoE
- IPv4, IPv6, IPv4&IPv6
- Network Access Control: 802.1x
- VPN: L2TP (Basic Unencrypted) / OpenVPN
- VLAN
- QoS
- LLDP
- CDP
- RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)

Audio

- Wideband ADC/DAC 16KHz Sampling
- Narrowband Codec: G.711a/u, G.723.1, G.726, G.729A/B, iLBC
- Wideband Codec: G.722, Opus
- Full-duplex Acoustic Echo Canceller (AEC)
- Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) / Background Noise Estimation (BNE) / Noise Reduction (NR)
- Packet Loss Concealment (PLC)
- Dynamic Adaptive Jitter Buffer
- DTMF: In-band, Out-of-Band – DTMF-Relay(RFC2833) / SIP INFO

Maintenance & Management

- Auto-Provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIP PNP/TR-069
- Web Management Portal
- Web-based Packet Dump
- Supports Web upgrade
- Supports factory reset data

Protocols

- SIP2.0 over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- CDP
- LLDP
- PPPoE
- 802.1x
- OpenVPN (Requires third-party app support)
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR-069

Physical Features

- LCD: 128x48 dot-matrix, no backlight
- Keypad: 24 keys, including
- 4 Soft-keys
- 4 Function keys (Up, Down, Headset, Redial)
- 12 Standard Phone Digits keys
- 2 Volume Control keys, Up/Down
- 1 Hands-free key
- 1 Mute key
- Handset (RJ9) x1
- Standard RJ9 Handset Wire x1
- 1.5M CAT5 Ethernet Cable x1
- Back Rack x1
- RJ9 Port x2: Handset x1, Headset x1
- RJ45 Port x1: Network x1
- Power: 5V/0.6A or PoE
- Working Temperature: 0~45°C
- Working Humidity: 10~95%
- Installation: Desktop Stand
- Device Dimensions: 210.7x207.2x162mm
- Gift Box Dimensions: 250x205x66mm
- Outer CTN Dimensions: 420x340x265mm (10 PCS)