



### Highlights:

- 4 SIP Lines, HD Voice
- 8 DSS Key with tri-color LED
- 2.8 inch (320x240) Color-screen
- Dual Gigabit Ports(**S4G Only**)
- Power over Ethernet
- RJ9 Headset Interface
- EHS Support for Plantronics Headsets

The S4P/S4G IP Phone is a high-end enterprise desktop phone which comes with intelligent DSS Key-mapping to increase enterprise users' productivity at a cost-effective price.

Using next generation chipset the S4P/S4G offers unrivalled superb HD Voice Quality, innovative functional richness, friendly user interface, stylish and elegant design. It is definitely able to provide a pleasant and satisfactory end-user experience.

### Generic

- 4 SIP Line
- HD Voice
- POE Enabled
- 2.8" color screen
- Handset(HS) / Hands-free(HF) / Headphone(HP) mode (EHS support for Plantronics headsets)
- Intelligent DSS Keys
- Desktop / Wall-mount installation
- Optional External Power Supply

### 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 (500 entries)
- Remote Phonebook (XML/LDAP)
- Call log (100 entries, in/out/missed)
- Black/White List Call Filtering
- Voice Message Waiting Indication (VMWI)
- Programmable Soft keys
- Network Time Synchronization
- Action URL / Active URI

### Audio

- HD Voice Microphone/Speaker (Handset/Hands-free, 0~7KHz Frequency Response)
- Wideband ADC/DAC 16KHz Sampling
- Narrowband CODEC: G.711a/u, G.723.1, G.726-32K, G.729AB
- Wideband CODEC: G.722
- Full-duplex Acoustic Echo Canceller (AEC) – Hands-free Mode, 96ms tail-length
- VAD / CNG / Background Noise Estimation (BNE) / Noise Reduction (NR) Packet Loss Concealment (PLC)

- Dynamic Adaptive Jitter Buffer up to 300ms
- DTMF: In-band, Out-of-Band – DTMF-Relay(RFC2833) / SIP INFO

### Network Features

- 10/100Mbps(S4P), 10/100/1000Mbps(S4G) Ethernet, dual bridged port for PC bypass
- IP Configuration: Static / DHCP / PPPoE
- Network Access Control: 802.1x
- VPN: L2TP (Basic Unencrypted) / OpenVPN
- VLAN
- QoS

### Maintenance & Management

- Auto-Provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIP PNP/TR069
- Web Management Portal
- Web-based Packet-dump
- Configuration Export / Import
- Phonebook Import/Export
- Firmware Upgrade
- Syslog

### Physical Features

- LCD: 2.8 inch (320x240) color-screen
- Keypad: 39 keys, including
- 8 DSS key with tri-color LED
- 4 Soft-keys
- 7 Function keys
- 4 Navigation keys + 1 OK key
- 12 Standard Phone Digits keys
- 2 Volume Control keys, Up/Down
- 1 Hands-free key
- HD Hands-free Speaker (0~7KHz) x1
- HD Hands-free Microphone (0~7KHz) x1
- HD Handset (RJ9) x1
- Standard RJ9 Handset Wire x1
- 1.5M CAT5 Ethernet Cable x1
- RJ9 Phone port x2: Handset x1, Headphone x1
- RJ11 EXT port x1: Extension Module x1
- RJ45 Ethernet Port x2: Network x1 (802.3AF POE Class 2Enabled), PC x1 (Bridged to Network)
- Main Chipset: Broadcom
- DC Power Input: (S4P) 5V / 0.6A, (S4G) 5V / 1A
- Power Consumption: (S4P) Idle ~1.3W, Peak ~4.3W
- (S4G) Idle ~1.7W, Peak ~5.7W
- Working Temperature: 0~40°C
- Working Humidity: 10~65%
- Dual-Functional Back Rack x1: Desktop Stand / Wall-mount
- Color: Black
- Package Dimensions: 260x255x62mm (L x W x H)