

S4P&S4G Enterprise IP Phone

A New Enterprise Phone with Intelligent DSS Key-mapping LCD Display

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.

Series Specifications Comparison

Model	Screen	Handset	Ethernet	PoE	Power Adapter
S4P	2.8"	HD	10/100Mbps	✓	✗
S4G	2.8"	HD	10/100/1000Mbps	✓	✗



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
- Economical and Environmental friendly package
- Industrial Standard Certifications: CE/FCC

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 DSS/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

S4P/S4G Datasheet

tail-length

- Voice Activity Detection (VAD) / Comfort Noise Generation (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

Networking

- 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

Protocols

- SIP2.0 over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- PPPoE
- 802.1x
- L2TP (Basic Unencrypted)
- OpenVPN
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR069

RFCs:

354/1321/1350/1769/1889/1890/2131/2132/2616/2617/2661/2833/2976/3261/
3262/3263/3264/3265/3268/3311/
3489/3711/4346/4566/5630/5865

Deployment & Maintenance

- 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 Specifications

- 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)

The above specifications may be updated in the future without prior notice. All hardware/software/physical features should be based on the final shipped products.

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