X5S Enterprise IP Phone

X5S IP Phone is a high-end enterprise desktop phone which comes with an intelligent DSS Key-mapping LCD to increase enterprise users' work efficiency.

Highlights

- ☑ 16 SIP lines, 3-way conference, hotspot
- ☑ HD audio on speakerphone and handset
- ☑ 3.5" main color display, 64x192 dot-matrix displays for DSS keys
- ☑ Support Bluetooth headset (Via BT dongle)
- ☑ Wi-Fi connectivity(Via Wi-Fi dongle)
- ☑ Up to 40 DSS keys(8 tri-colored physical keys)
- ☑ Dual Gigabit ports, integrated PoE
- ☑ Compatible with major platforms: Asterisk, Broadsoft, 3CX, Metaswitch, Elastix, Avaya etc.

Model	Screen	Network	PoE	Power adapter
X5S	3.5" color-screen	10/100/1000 Mbps	√	—

Generic

- 16 SIP Lines
- HD Voice
- PoE Enabled
- 2 LCDs (Main + DSS)
- Handset / Hands-free / Headset mode
- Intelligent DSS Keys
- Desktop / Wall-mount installation
- Optional External Power Supply

Phone Features

- Local Phonebook (2000 entries)
- Remote Phonebook (XML/LDAP, 2000 entries)
- Call logs (In/out/missed, 1000 entries)
- Black/White List Call Filtering
- Screen saver
- Voice Message Waiting Indication (VMWI)
- Programmable DSS/Soft keys
- Network Time Synchronization
- Support Wi-Fi Dongle
- Support Bluetooth headset (Through USB Dongle BT20)
- Support Plantronics wireless headset (Through Plantronics APD-80 EHS Cable)
- Support Jabra wireless headset (Through Fanvil EHS20 EHS Cable)
- Support USB headset
- Support Recording (Through Flash Drive or Server Recording)
- Action URL / Active URI
- uaCSTA

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
- Do-Not-Disturb
- Auto-Answering
- Voice Message (On server)
- 3-way Conference
- Hot Line
- Hot desking

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, AMR, iLBC
- Wideband Codec: G.722, AMR-WB
- 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 up to 300ms
- DTMF: In-band, Out-of-Band – DTMF-Relay(RFC2833) / SIP INFO

Networking

- Physical: 10/100/1000 Mbps Ethernet, dual bridged port for PC bypass
- IP Mode:IPv4/IPv6/IPv4&IPv6
- IP Configuration: Static / DHCP / PPPoE
- Network Access Control: 802.1x
- VPN: L2TP / OpenVPN
- VLAN
- LLDP
- QoS
- RTCP-XR(RFC3611),VQ-RTCPXR(RFC6035)

Protocols

- SIP2.0 over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- IPv6
- LLDP
- PPPoE
- 802.1x
- L2TP
- OpenVPN
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR-069

Deployment & Maintenance

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

- Configuration Export / Import
- Phonebook Import/Export
- Firmware Upgrade
- Syslog

Physical Specifications

- Main LCD x1: 3.5 inch (480x320) color-screen LCD
- DSS Key-mapping LCD x1: 64x192 dot-matrix
- Keypad: 38 keys, including
  - 4 Soft-keys
  - 4 Function keys (Hold,Call forward,Conference,Redial)
  - 4 Navigation keys
  - 1 OK key
  - 12 Standard Phone Digits keys
  - 3 Volume Control keys, Up/Down/Mute(Microphone)
  - 1 Hands-free key
  - 8 DSS Keys with tri-color LED
  - 1 Page-Switch (PS) key
- HD 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 x2: Network x1, PC x1 (Bridged to Network)
- USB2.0 Port x1: Standard A, Connect with Wi-Fi USB dongle or Flash Driver
- DC Power Input: 12V/1A
- Power Consumption (PoE): 2.4 ~ 9.38W
- Power Consumption (Adapter): 1.4 ~ 6.54W
- Working Temperature: 0~45℃
- Working Humidity: 10~95%
- Installation: Desktop Stand or Wall-mount
- Color: Black
- Device Dimensions
  - Desktop Stand (Angles 1): 214x196.7x175.6mm
  - Desktop Stand (Angles 2): 214x255.7x156.3mm
  - Wall-mount: 214x111.3x221.6mm
- Gift Box Dimensions: 285x270x65mm
- Outer CTN Dimensions: 560x345x310mm (10 PCS)

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. For more information, please visit: www.fanvil.com

Compatibility List:

3CX | Asterisk | AVAYA | broadsoft | epygi | HUAWEI | Jabra GN | metaswitch | NEC
New Rock TECHNOLOGIES | OpenVox | Phonism | plantronics | PORTA ONE | SENNHEISER | Yeastar | ZTE中兴 | ZYCOO