

X6U Enterprise IP Phone

X6U is an enterprise-level three screen IP Phone. With all the necessary VoIP features and other extended features like EHS headset and Wi-Fi dongle, it provides the high-quality and convenient experience for users at an affordable price.



Highlights

- 20 SIP lines, 3-way conference, SIP hotspot
- 5 Line keys on the main display
- 1x4.3" main color display, 2x2.4" side color displays for DSS keys
- HD audio on speakerphone and handset
- Built-in Bluetooth for connecting Bluetooth headset
- Support Wi-Fi connectivity (Via Wi-Fi dongle)
- Support EHS wireless headset
- Up to 60 DSS keys (12 two-colored physical keys)
- Dual Gigabit ports, integrated PoE
- Stand with 2 adjustable angles of 45 and 50 degrees
- Compatible with major platforms: Asterisk, Broadsoft, 3CX, Metaswitch, Elastix, Avaya etc.

Model	Screen	Network	PoE	Power Adapter
X6U	4.3" color-screen	10/100/1000 Mbps	√	—

Generic

- 20 SIP Lines
- HD Voice
- Support receiving Video call
- PoE Enabled
- 3 LCDs (Main + DSS)
- Handset / Hands-free / Headset mode
- Intelligent DSS Keys
- Desktop Stand / Wall-mounted (need an additional wall hanging parts)
- Optional External Power Supply

Phone Functions

- Local Phonebook (2000 entries)
- Remote Phonebook (XML/LDAP, 2000 entries)
- Call logs (In/Out/Missed, 1000 entries)
- Blocked /Allowed List
- Screen saver
- Voice Message Waiting Indication (VMWI)
- Programmable DSS/Soft keys
- Network Time Synchronization
- Built-in Bluetooth 2.1: Support Bluetooth headset
- Support Wi-Fi Dongle
- Support Poly wireless headset (Through Poly APD-80 EHS Cable)
- Support Jabra wireless headset (Through Fanvil EHS20 EHS Cable)
- Support Recording (Through Flash Drive or Server)
- Action URL / Active URI
- uaCSTA

Call Functions

- Call out / Answer / Reject
- Mute / Unmute (Microphone)
- Call Hold / Resume
- Call Waiting
- Intercom
- Caller ID Display
- Speed Dial
- Anonymous Call (Hide Caller ID)
- Call Forward (Always/Busy/No Answer)
- Call Transfer (Attended/Unattended)
- Call Parking/Pick-up (Depending on server)
- Redial
- Do-Not-Disturb
- Auto-Answering
- Voice Message (With server)
- 3-way audio conference
- Hot Line
- Hot Desking

Video

- Video codec: H.264
- Video call resolution: QCIF / CIF / VGA/QVGA

Audio

- HD Voice Microphone/Speaker (Handset/Hands-free, 0 ~ 7KHz Frequency Response)
- HAC Handset

- Wideband ADC/DAC 16KHz Sampling

- Narrowband Codec: G.711a/u, G.723.1, G.726-32K, G.729A/B, AMR, iLBC
- Wideband Codec: G.722, AMR-WB, Opus
- Full-duplex Acoustic Echo Canceller (AEC)
- Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) / Background Noise Estimation (BNE) / Noise Reduction (NR) / Automatic Gain Control (AGC)
- Packet Loss Concealment (PLC)
- Dynamic Adaptive Jitter Buffer
- DTMF: In-Band, Out-of-Band – DTMF-Relay (RFC2833) / SIP INFO

Network

- Physical: 10/100/1000 Mbps Ethernet, dual bridged port for PC bypass
- IP Mode: IPv4/IPv6/IPv4&IPv6
- IP Configuration: Static IP / DHCP / PPPoE
- Network Access Control: 802.1x
- VPN: L2TP / OpenVPN
- VLAN
- LLDP
- QoS
- RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)
- WIFI:WI-FI Security Mode： WPA /WPA2-PSK/802.X EAP

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
- AES128 & AES256

Deployment & Management

- 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: 4.3-inch (480x272) Color Screen
- DSS Key-mapping LCD x2: 2.4-inch (240x320) Color Screen
- Keypad: 51 keys, including
  - 5 Line Keys (With LED Indicator Light)
  - 4 Soft-keys
  - 8 Function keys (Hold, Call forward, Conference, Phone book, Call log, MWI, Headset, Redial)
  - 4 Navigation keys
  - 1 OK key
  - 12 Standard Phone Digits keys
  - 3 Volume Control keys (Up/Down/Mute (Microphone))
  - 12 DSS keys (With LED Indicator Light)
  - 1 Page-Switch (PS) key (With LED Indicator Light)
  - 1 Hands-free key (With LED Indicator Light)
- HD Handset (RJ9) x1
- Standard RJ9 Handset Wire x1
- 1.5M CAT5 Ethernet Cable x1
- Back Rack x1
- Status Indicator Light x1 (Red)
- 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
- Safety Keyhole x1
- DC Power Input: 5V/2A
- Power Consumption (PoE): 1.7W~10.46W
- Power Consumption (Adapter): 1.38W~9.13W
- Working Temperature: 0~45℃
- Working Humidity: 10~95%
- Installation:
  - Desktop Stand
  - Wall-mounted (need an additional wall hanging parts)
- Color: Black
- Qty/CTN: 10 pcs
- N.W/CTN: 14.16 kg
- G.W/CTN: 15.37 kg
- Device Dimensions:
  - Desktop Stand (Angles 1): 239x199.3x185.8 mm
  - Desktop Stand (Angles 2): 239x188.5x195.6 mm
  - Wall-mounted: 239x119.2x233.6 mm
- Gift Box Dimensions: 336x243x84 mm
- Outer CTN Dimensions: 506x440x356 mm (10 PCS)