X6U Enterprise IP Phone

X6U is an enterprise IP Phone featuring 4.3-inch main color screen and two 2.4-inch extended screens, HD voice, gigabit Ethernet, 20 SIP lines, PoE, Built-in Bluetooth, 6-way audio conference and other extended features like EHS headset. It provides the high-quality and convenient experience for users.



4.3-inch color Screen | 20 SIP Lines | 1000 Mbps | HD Voice | Opus | PoE enabled | 6-way Audio Conference | IPv4/IPV6/ IPv4&IPv6

USB Port | HAC | DSS Keys | EHS headset

Highlights

- ☑ 4.3-inch main color screen and 2.4-inch extended screen for DSS keys.
- ☑ HD audio on speakerphone and handset.
- ☑ Support 6-way audio conference.
- ☑ 5 Line keys on the main display.
- ☑ 12 DSS keys on the extended screen, up to 60 DSS keys via 5 pages.
- ☑ Built-in Bluetooth 4.2, support Bluetooth headset; support Wi-Fi Dongle.
- ☑ Support EHS wireless headset.
- ☑ Dual Gigabit ports, integrated PoE.
- ☑ Stand with 2 adjustable angles of 45 and 50 degrees.

Generic

- 20 SIP Lines
- HD voice
- PoE enabled
- 3 LCDs (Main + DSS)
- Intelligent DSS keys
- Handset / hands-free / headset mode
- Desktop stand / wall-mounted (optional)
- Optional external power supply

Phone Functions

- Local phonebook (2000 entries)
- Remote phonebook (XML/LDAP, 2000 entries)
- Call logs (in/out/missed, 1000 entries)
- Blocked list/Allowed list
- Screen saver
- Voice message waiting indication (VMWI)
- Programmable DSS/soft keys
- Network time synchronization
- Built-in Bluetooth4.2 : support Bluetooth headset/ Bluetooth of mobile device
- Support Wi-Fi Dongle (Via WF20)
- 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
- XML Browser
- Customize Background
- Customize Boot Logo
- uaCSTA
- Customize Incoming Call Ringtone
- Time Management (timed restart/timed forward/timed upgrade/timed configuration modification)
- Hidden DTMF
- Ring From Headset
- Customize DSS icon
- Customize DSS LED lights
- Customize BLF
- Customize UI Display

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)/Ban Anonymous call
- Call forward (Always/Busy/No Answer)
- Call transfer (Attended/Unattended)
- Call parking/pick-up (depending on server)
- Redial / Predial / Call Back / SIP SMS
- Do-Not-Disturb(DND)/Timed DND
- Auto-answering
- Voice message (with server)
- 6-way audio conference
- Hot line / Hot desking
- Direct IP call without SIP proxy
- Fuzzy Search Call
- Action Plan
- Dial Plan
- Call Completion/Auto Redial
- Primary and Backup SIP Servers
- Default Ext Line
- Multicast

Audio

- HD Voice: HD handset, HD speaker
- HAC handset
- Wideband ADC/DAC 16KHz sampling
- Narrowband codec: G.711a/u, G.729,G729A,G729B,G729AB, G.723.1, G.726, 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) / Automatic Gain Control (AGC)
- Packet Loss Concealment (PLC)
- Dynamic adaptive jitter buffer
- DTMF: In-band, Out-of-Band (RFC2833/ SIP INFO)
- VQM voice quality monitoring

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)
- DNS-SRV (RFC 3263)
- Support Redundant Servers
- Agent
- Https Mutual Authentication

Protocols

- SIP v1 (RFC2543) v2(RFC3261)
- UDP/TCP/TLS
- RTP/RTCP/SRTP（Optional/Compulsory）
- STUN
- DHCP
- IPv6
- LLDP
- PPPoE
- 802.1x
- 802.1p/Q
- 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
- Screenshot
- Web Management Portal
- Web-based Packet Dump
- Configuration Export / Import
- Phonebook Import/Export
- Firmware Upgrade
- Syslog
- Network Firewal
- Online Upgrade

Physical Specifications

- Main LCD: 4.3-inch (480x272) color screen
- DSS key-mapping LCDx2: 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, 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 cord x1
- 1.5M CAT.5E 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 flash driver
- DC port x1: Φ5.5x2.1x10mm
- Safety keyhole x1
- Power:DC 5V/2A or Poe
  - Poe complies with the IEEE 802.3af standard
  - Input:100-240V~50/60Hz
  - Output:5V/2A
- Power Consumption (Adapter):0.94W-5.47W
- Power Consumption (PoE): 1.49~6.88W
- Working temperature: 0~45℃
- Working humidity: 10~95%
- Installation:
  - Desktop stand
  - Wall-mounted (need an additional wall hanging parts)
- Color: black
- Qty/CTN:10pcs
- N.W/CTN: 14.16kg
- G.W/CTN: 15.37kg
- Device dimensions:
  - Desktop stand (angles 1: 45 degree): 239x199.3x185.8 mm
  - Desktop stand (angles 2: 50 degree): 239x188.5x195.6 mm
  - Wall-mounted: 239x119.2x233.6 mm
- Gift box dimensions: 336x243x84 mm
- Outer CTN dimensions: 506x440x356 mm (10 PCS)