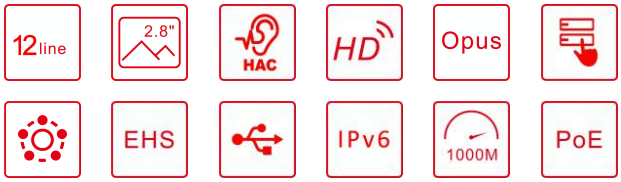


X4U Enterprise IP Phone

X4U is an enterprise IP Phone featuring 2.8-inch main color screen and 2.4-inch extended screen, HD voice, gigabit Ethernet, 12 SIP lines, PoE, 6-way audio conference and other extended features like EHS headset, BT dongle and Wi-Fi dongle. It provides the high-quality and convenient experience for users.





Highlights

- 2.8-inch main color screen and 2.4-inch extended screen for DSS keys
- HD audio on speakerphone and handset
- Support 6-way audio conference
- 3 Line keys on the main display
- 6 DSS keys on the extended screen, up to 30 DSS keys via 5 pages
- Support EHS wireless headset, Wi-Fi dongle or BT dongle
- Dual Gigabit ports, integrated PoE
- Stand with 2 adjustable angles of 45 and 50 degrees

Generic

- 12 SIP Lines
- HD voice
- PoE enabled
- 2 LCDs (Main + DSS)
- Intelligent DSS keys
- Handset / hands-free / headset mode
- Desktop stand / wall-mounted (need an additional wall hanging parts)
- Optional external power supply

Phone Functions

- Local phonebook (1000 entries)
- Remote phonebook (XML/LDAP, 1000 entries)
- Call logs (in/out/missed, 1000 entries)
- Block/Allow List Call Filter
- Screen saver
- Voice message waiting indication (VMWI)
- Programmable DSS/soft keys
- Network time synchronization
- Support Bluetooth headset (Via BT dongle BT20)
- Support Wi-Fi Dongle (Via WF20)
- Support Plantronics wireless headset (through Plantronics 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)
- 6-way conference
- Hot line
- Hot desking

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.729A/B, 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: 10/100/1000Mbps 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
- CDP
- QoS
- RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)

Protocols

- SIP2.0 over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- IPv6
- LLDP
- CDP
- 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: 2.8-inch (320x240) color screen
- DSS key-mapping LCD: 2.4-inch (240x320) color screen
- Keypad: 41 keys, including
  - 3 Line keys (with LED indicator light)
  - 4 Soft-keys
  - 6 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))
  - 6 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 USB BT dongle or USB Wi-Fi dongle or flash driver
- DC port x1: Φ5.5x2.1x10mm
- Safety keyhole x1
- DC power input: DC5V / 2A
- Working temperature: 0~45℃
- Working humidity: 10~95%
- Installation:
  - Desktop stand
  - Wall-mounted (need an additional wall hanging parts)
- Color: black
- Device dimensions:
  - Desktop stand (angles 1: 45 degree): 214x188.6x181.1 mm
  - Desktop stand (angles 2: 50 degree): 214x180.5x190.1 mm
  - Wall-mounted: 214x119.4x219.1 mm
- Gift box dimensions: 315x228x84 mm
- Outer CTN dimensions: 476x440x335 mm (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.
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