Enterprise
IP Phone

X5U-R

X5U-R is an enterprise IP Phone featuring 3.5-inch main color screen and 2.4-inch extended screen, HD voice, gigabit Ethernet, 16 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.

Highlights

- 3.5-inch main color screen and 2.4-inch extended screen for DSS keys
- HD audio on speakerphone and handset
- Support 6-way audio conference
- 4 Line keys on the main display
- 6 DSS keys on the extended screen, up to 30 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

Specification

Generic
16 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 (2000 entries)
Remote Phonebook (XML/LDAP, 2000 entries)
Call logs (In/Out/Missed, 1000 entries)
Black/White List Call Filter
Screen saver
Voice Message Waiting Indication (VMWI)
Programmable DSS/Soft keys
Network Time Synchronization
Built-in bluetooth version 4.2 or above: support bluetooth headset/ bluetooth of mobile device
Support Wi-Fi Dongle (Via WF20)
Support Plantronics wireless headset (through Plantronics APD-80 EHS cable)
Support Jabra wireless headset (through 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 Forwarding (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.723.1, G.726, 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: 10/100/1000 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

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 & 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: 3.5-inch (480x320) color screen

DSS key-mapping LCD: 2.4-inch (240x320) color screen

Keypad: 42 keys, including:
4 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/Mut

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 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 flash driver
DC port x1: Φ5.5x2.1x10mm
Safety keyhole x1
DC power input: DC5V / 2A
Working Temperature: 0~45°C
Working Humidity: 10~95%
Installation:Desktop Stand Wall-mounted (need an additional wall hanging parts)
Color: Red
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)