Enterprise

IP Phone

X7C

With a modern, clear design, Xtend X7C is a high-end enterprise IP phone for business users who need immediate access to all of their important information.

In addition to a 5-inch resolution color screen, the telephone also features 20 SIP lines, HD audio, up to 60 DSS keys (12 physical), built-in Bluetooth, Wi-Fi connectivity (Via Wi-Fi dongle) and more.

Highlight

- 5" high-resolution color display
- 20 SIP lines
- HD audio on speakerphone and handset
- Built-in Bluetooth 4.2 for connecting Bluetooth headset
- Wi-Fi connectivity (Via Wi-Fi dongle)
- 6-way audio conference
- Up to 60 DSS keys entries available (12 physical)
- Video Codec H.264 support for receiving video calls
- Dual Gigabit ports, integrated PoE
- Stand with 2 adjustable angles of 40 and 50 degrees

Specification

Generic
20 SIP Lines
HD Voice
Support receiving video call
PoE Enabled
5 Inch Color LCD Screen
Handset / Hands-free / Headset mode
Intelligent DSS Keys
Optional External Power Supply

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

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
6-way Conference
Voice Message (With server)
Hot Line
Hot desking

Phone Features

- 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 4.2: Support Bluetooth headset
- Support Wi-Fi Dongle
- 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 Recording)
- Action URL / Active URI
- UaCSTA

Video

- Video decoding: H.264
- Video call resolution: QCIF / CIF / VGA / 1080P
- Support USB camera (CM60 optional)

Audio

- HD Voice Microphone/Speaker (Handset/Hands-free, 0 ~ 7 KHz Frequency Response)
- HAC handset
- Wideband ADC/DAC 16 KHz Sampling
- Narrowband Codec: G.711a/u, G.723.1, G.726-32K, 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 up to 300 ms
- DTMF: In-band, Out-of-Band - DTMF-Relay (RFC2833) / SIP INFO

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

Protocols

- SIP 2.0 over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- 1Pv6
- LLDP
- PPPoE
- 802.1x
- OpenVPN
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR-069
- AES128 & AES256

Physical Specifications

Main LCD x1: 5.0 inch (800 x 480) Color screen
Keypad: 43 keys, including • 4 Soft-keys • 12 DSS Keys with tri-color LED • 1 Page-Switch (PS) key • 5 Function keys (Hold, MWI,Mute,Headset, Redial) • 4 Navigation keys • 1 OK key • 1 Return key • 12 Standard Phone Digits keys • 2 Volume Control keys, Up/Down • 1 Hands-free 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: 5V/2A
Power Consumption (PoE): 2.6~ 9W
Power Consumption (Adapter): 2.4~8w
Working Temperature: 0~45°C
Working Humidity: 10~95%
Installation: Desktop Stand
Color: Black
Device Dimensions: • Desktop Stand {Angles 1): 268 x 185 x 189 mm • Desktop Stand (Angles 2): 268 x 201 x 168 mm
Gift Box Dimensions: 304 x 297 x 66 mm
Outer CTN Dimensions: 616 x 358 x 329 mm (10 PCS)