Enterprise

IP Phone

X7

With a modern, clear design, Xtend X7 is a high-end enterprise IP phone for business users who need immediate access to all of their important information.

In addition to a 7 inch capacitive touch screen for up to 127 DSS key entries, the phone also features 20 SIP lines, HD audio, built-in Bluetooth, Wi-Fi connectivity (Via Wi-Fi dongle) and more.

Highlight

- 7 inch capacitive touch screen
- 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 127 DSS keys entries available at the display
- 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
7 inch capacitive touch screen
Handset / Hands-free / Headset mode
Intelligent DSS Keys
Optional External Power Supply

Video
Video codec: H.264
Video call resolution: QCIF / CIF / VGN1O8OP
Support USB camera {CM6O optional)

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-8O EHS Cable)
Support Jabra wireless headset (Through Fanvil EHS2O EHS Cable)
Support Recording (Through Flash Drive or Server Recording)
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
- 6-way Conference
- Voice Message (With server)
- Hot Line
- Hot desking

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

Protocols

- SIP 2.0 over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- LLDP
- PPPoE
- 802.1x
- L2TP
- OpenVPN
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR-069
- AES128 & AES256

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, 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 300ms
- DTMF: In-band, Out-of-Band - DTMF-Relay (RFC2833) / SIP INFO

Physical Specifications

Main LCD xl: 7.0 inch (1024 x 600) Capacitive touch screen

Keypad: 26 keys, including
- 5 Function keys {Hold, MWl,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) xl

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)

USB 2.0 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)

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)