

# Android IP Phone with Camera

X7A



As a high-end enterprise IP phone with Android 9.0 OS, Xtend X7A with camera provides a more intelligent and smoother touch operation experience for the users. 112 DSS keys on the 7-inch color touch screen, supported 3rd party apps, built-in WiFi, built-in Bluetooth allows daily communication smarter and simpler.

Matching an adjustable USB camera, Xtend X7A with camera can deliver a super audio and video for the group conference.

# Highlight

- 20 SIP lines, hotspot
- Support an external Fanvil USB camera (optional)
- 112 one-touch DSS keys on 7" capacity color touch screen
- HD audio with Harman speaker
- Built-in Bluetooth 4.2 and 2.4G/5G Wi-Fi
- Support video codec H.264 and 3-way video conference
- Dual Gigabit ports, integrated PoE
- Stand with 2 adjustable angles of 40 and 50 degrees
- Compatible with major platforms: Asterisk, Broadsoft, 3CX, Metaswitch, Elastix, Avaya etc.

# Specification

## Generic

20 SIP Lines

HD Voice

Support receiving video call

PoE Enabled

7-inch (1024x600) color touch screen

Handset / Hands-free / Headset mode

Intelligent DSS Keys(Virtual buttons)

Optional External Power Supply

## Operation System

Android 9.0 OS with higher security and better compatibility

Built-in Applications:  
Files, Calendar, Gallery, Browser, Email, Calculator, Notepad,  
Sound Recorder, Clock, Video, Music

Support 3rd Party Applications

Secondary Development of API

## Deployment & Management

Auto-Provisioning via FTP/TFTP/HTTP/HTTPS/DHCP  
OPT66/SIPP/TP/TR-069

Web Management Portal

Supports the third party communication APP

Supports Web, Telnet

Supports encrypted configuration files download withAES

Supports Web upgrade

Supports factory reset data

## 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.729AB, iLBC

Wideband Codec: G.722, Opus

Full-duplex Acoustic Echo Canceller (AEC)

Noise Reduction (NR)

Packet Loss Concealment (PLC)

Dynamic Adaptive Jitter Buffer

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

## Video

Video decoding: H.264

Video call resolution: CIF/VGA/4CIF/720P/1080P

Image format: JPEG/PNG/BMP

Video format: MP4

Bandwidth selection: 64 kbps~4 Mbps

Frame rate selection: 5~30 fps

Video from remote site can be displayed in full screen

3-way Video Call with External Camera Fanvil CM60

Optional Fanvil CM60 USB Camera

- 2 Mega Pixel
- Plug and Play
- Flexible Placement and Angle Adjustment

Video Preview

## Phone Features

Local Phonebook (2000 entries)

Remote Phonebook (XML/LDAP, 2000 entries)

Intelligent Search for Contacts and Call Log

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 4.2: Support Bluetooth headset / Bluetooth of Mobile Device

Built-in Wi-Fi

- 2.4GHz, 802.11 b/g/n
- 5GHz, 802.11 a/n/ac

Miracast

Support Recording

Action URL / Active URI

UaCSTA

Audio/Video Recording

SIP Hotspot

Group Broadcasting

Action Plan

Group listening

## 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

5-way Conference

Voice Message (With server)

Hot Line

Hot desking

BLF

## Network

Physical: 10/100/1000 Mbps Ethernet, dual bridged port for PC by pass

IP Mode: IPv4

IP Configuration: Static / DHCP

Network Access Control: 802.1x

VPN: OpenVPN (Requires third-party app support)

VLAN

LLDP

QoS

CDP

## Protocols

SIP 2.0 over UDP/TCP/TLS

RTP/RTCP/SRTP

STUN

DHCP

CDP

LLDP

PPPoE

802.1x

OpenVPN (Requires third-party app support)

SNTP

FTP/TFTP

HTTP/HTTPS

TR-069

## Physical Specifications

LCD x1:7 inch (1024 x 600) color touch screen

Keypad: 26 keys, including

- 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 Flash Driver

Safety keyhole x1

Power: 5V/2A or PoE

Power Consumption (PoE): 1.596~11.86W

Power Consumption (Adapter): 0.907~9.38W

Working Temperature: 0~45°C

Working Humidity: 10~95%

Installation: Desktop Stand

Device Dimensions:

- Desktop Stand (Angles 1): 268 x 185 x 189 mm
- Desktop Stand (Angles 2): 268 x 201 x 168 mm

Color: Black

Gift Box Dimensions: 304 x 297 x 66 mm

Outer CTN Dimensions: 616 x 358 x 329 mm (10 PCS)