Datasheet

UBIQCOM™

Android
Touch Screen IP Phone
UB902V

Wi-Fi
Built-in Wi-Fi

Built-in Bluetooth

USB 2.0

UB902V Android Touch Screen IP Phone

As a high-end enterprise IP phone based on Android 9.0 OS, the UB902V provides users with an intelligent and smooth touch operation experience. Featuring 112 DSS keys, a 10.1-inch color touch screen, Wi-Fi, and Bluetooth, the UB902V enables smart and simple daily communication. It has a built-in adjustable camera and an HD handset, delivering a great audio and video experience for group conferences. UB902V is compatible with the standard SIP protocol and is an ideal choice for office or management center with functions such as making video calls, two-way intercom, and monitoring.

Highlights

- 10.1-inch touch screen, 112 DSS keys
- 20 SIP Lines
- Support 10-way audio conferencing and 3-way video conferencing
- Built-in adjustable 8 mega-pixel camera with a privacy cover
- Support HD audio with G.722 and Opus
- Support video codec H.264, providing premium HD video calls
- Built in 2.4G/5G Wi-Fi and Bluetooth 5.0
- Dual Gigabit ports, Integrated PoE

Datasheet

Generic

20 SIP Lines
HD Voice
Support Video Call
PoE Enabled
10.1-inch (1280x800) 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
Secondary development of API
Support third-party applications installation

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)
Redial
Do-Not-Disturb
Auto-Answering
Voice Message (On server)
10-party Audio Conference,3-party Video Conference
Hot Line
Hot desking
BLF

Video

Video decoding: H.264, H.265(optional)
Video call resolution: CIF/VGA/4CIF/720P/1080P
Image format: JPEG/PNG/BMP
Video format: MP4
Bandwidth selection: 64kbps~4Mbps
Frame rate selection: 5~30fps
Video from remote site can be displayed in full screen
Video call
Video Preview
Camera
8 mega-pixel (Adjustable Angle)
Mechanical shutter for privacy

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.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

Network

Physical: 10/100/1000 Mbps Ethernet, dual bridged port for PC bypass
IP Mode: IPv4
IP Configuration: Static / DHCP
Network Access Control: 802.1x
VPN: OpenVPN (Requires third-party app support)
VLAN
LLDP
CDP
QoS
Programmable DSS/Soft keys
Network time synchronization
Built-in Bluetooth 5.0
Built-in Wi-Fi
2.4GHz, 802.11 b/g/n
5GHz, 802.11 a/n/ac
Action URL / Active URI
UaCSTA
Audio/Video recording
SIP Hotspot
Group broadcasting
Action plan
Group listening

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)

Protocols

SIP2.0 over UDP/TCP/TLS
RTP/RTCP/SRTP
STUN
DHCP
CDP
LLDP
802.1x
OpenVPN (Requires third-party app support)
SNTP
FTP/TFTP
HTTP/HTTPS
TR-069

Deployment & Management

Auto-Provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIP PNP/TR-069
Web Management Portal
Supports the third-party communication APP
Supports Web, Telnet
Supports encrypted configuration files download with AES
Supports Web upgrade
Supports factory reset data

Physical Specifications

Color: Grey (White: customizable)
LCD x1: 10.1- inch (1280x800) color touch screen
Physical keys x5: Volume -/Volume +/Home/Hands-free/Return
HD Handset (RJ9) x1
Standard RJ9 Handset Wire x1
Ethernet Cable x1 Back Rack x1
RJ9 Port x2: Connect with Handset
RJ45 Port x2: Network x1, PC x1 (Bridged to Network)
USB2.0: Type A x1, connect with USB card
Safety Keyhole x1
Power: 5V/2A or PoE
Power Consumption (PoE): 2W ~ 9.77W
Power Consumption (Adapter): 1.2W ~ 7.75W
Working Temperature: 0~45℃
Working Humidity: 10~95%
Installation: Desktop
Qty/CTN: 10 PCS
N.W/CTN: 18.86kg
G.W/CTN: 19.86kg
Device Dimensions
Desktop Stand (Angles 1): 309 x 214 x 187mm
Desktop Stand (Angles 2): 309 x 226 x 167mm
Gift Box Dimensions: 323 x 301 x 71mm
Outer CTN Dimensions: 624 x 383 x 348mm (10 PCS)