

Android Console Video IP Phone

UB900Vi



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UB900Vi is an Android console IP phone that integrates audio and video applications. Running on Android 9.0, it supports third-party app installations. Featuring an intelligent speech algorithm and a gooseneck microphone, the UB900i enables full-duplex voice calls with a maximum volume of 90dB. Its built-in 5 mega-pixel adjustable camera offers high-definition audio and video calling. Additionally, the UB900i is equipped with a versatile bracket for both desktop and wall-mounted installations, accommodating various setup requirements.

Highlights

- 20 SIP lines, 10-party audio conference, 3-party video conference
- Equipped with a gooseneck microphone for precise voice pickup
- Supports full duplex calls, with a maximum volume of up to 90 dB
- Built-in adjustable 5 mega-pixel camera
- Support HD audio with G.722 and Opus
- Support video codec H.264, providing premium HD video calls
- Built-in broadcast & intercom system
- 116 DSS keys on 7-inch touch screen
- Dual-purpose bracket, support desktop and wall-mounted installation
- Built-in 2.4G/5G Wi-Fi
- Dual Gigabit ports, Integrated PoE

Datasheet

Generic

20 SIP Lines
Gooseneck microphone
Full duplex call
HD Video Call
10-party audio conference, 3-party video conference
Handset / Hands-free / Headset mode
7-inch (1024x600) color touch screen
116 Intelligent DSS Keys(Programmable)
Desktop and wall-mounted installation supported
Dual Gigabit ports, PoE power supply supported
2.4G/5G dual band Wi-Fi

Operation System

3-party applications supported
API for secondary development
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

Phone Features

Local phonebook (2000 entries)
Remote phonebook (XML/LDAP, 2000 entries)
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 (On server)
10-party audio conference, 3-party video conference
Hot Line
Hot desking
BLF

Deployment & Management

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

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
Intelligent search for contacts and call Log
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 dual band Wi-Fi
2.4GHz
5GHz
Action URL / Active URI
UaCSTA
Audio/Video recording
SIP Hotspot
Multicast
Action plan
Listening

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

Call Features

Call out / Answer / Reject
Mute / Unmute (Microphone)
Call Hold / Resume
Call Waiting
Intercom
QoS

Physical Specifications

Color: Grey
LCD x1: 7-inch (1024x600) color touch screen
Physical keys x5: Volume +/-/Volume +/-/Home/Hands-free/Return
HD Handset (RJ9) x1
Standard RJ9 Handset Wire x1
Ethernet Cable x1
Installation bracket x1
RJ9 Port x2: Connect with Handset, Headset
RJ45 Port x2: Network x1, PC x1 (Bridged to Network)
USB2.0: Type A x1, connect with USB card
Safety Keyhole x1
Power: 12V/1A or PoE
Power Consumption (PoE): 3.52~ 10.76W
Power Consumption (Adapter): 2.38~8.6W
Working Temperature: 0~45°C
Working Humidity: 10~95%
Installation: Desktop, Wall-mounted
Device Dimensions
Desktop Stand (45°): 265 x 172.1 x 145.2mm
Desktop Stand (50°): 265 x 161.7 x 154.5mm
Gift Box Dimensions: 337 x 218 x 81mm
Outer CTN Dimensions: 456 x 430 x 357mm (10 PCS)

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
5 mega-pixel (Adjustable Angle)

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