

Android **Touch Screen IP Phone** **UB903V**



Video Tour



One-Click
Snapshot



HDMI
Mirroring



Two-Way
Intercom

UB903V Android Touch Screen IP Phone

UB903V is a professional IP communication console designed for centralized communication, paging, and operational coordination in enterprise and institutional environments. Featuring a 10.1-inch 1280×800 touchscreen, it delivers MP3-quality audio with background noise reduction and full-duplex voice communication for clear interactions. With a 13MP adjustable camera and privacy shutter, the UB903V supports the H.264 video codec to deliver smooth video calls and real-time monitoring. Comprehensive call handling functions - including call recording, call forwarding, and audio/video conferencing, while dual Gigabit Ethernet, Wi-Fi 6 (2.4 GHz / 5 GHz), and Bluetooth 5.4 ensure reliable connectivity across wired and wireless networks.

UB903V with the built-in unified communication & dispatch system enables automatic device discovery, rapid deployment and centralized management of up to 300 endpoints. An advanced task management framework allows one-touch live paging / pre-recorded audio broadcasting / rapid conferencing, and the tasks could be executed on schedule, triggered via DTMF, network commands, and alarm input ports for diverse communication scenarios. The unattended management mode automatically forwards calls to designated on-duty personnel to ensure critical calls and emergency events are not missed, while video decoding with HDMI output enables video tour mode and extended monitoring.

Highlights

- 10.1-inch touchscreen with high-quality full-duplex audio and noise reduction
- 13MP camera with privacy shutter and gooseneck microphone
- Dual Gigabit Ethernet, Wi-Fi 6, and Bluetooth 5.4
- Centralized management of up to 300 IP endpoints
- Flexible task triggering via Single touch, Scheduling, DTMF, Network commands, and Alarm inputs
- Unattended Management Mode with automatic call forwarding
- H.264 video codec, video tour mode & HDMI output for extended monitoring
- 8 × short-circuit inputs, 1 × short-circuit output, 1 × RS-485, 1 × HDMI, 1 × Line-in / Line-out

Datasheet

Generic

20 SIP Lines
 HD Voice
 Support Video Call
 PoE Enabled
 10.1-inch (1280x800) touch screen
 Handset / Hands-free / Headset mode
 116 * Intelligent DSS Keys (virtual buttons)
 External Power Supply

Operation System

Android 14.0 OS
 Built-in applications: Files, Calendar, Gallery, Browser, Calculator, Notepad, Clock, Video, Music
 API Support
 Support Third-party Applications Installation

Phone Functions

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 5.4
 Built-in Wi-Fi 6
 2.4GHz, 802.11 b/g/n
 5GHz, 802.11 a/n/ac
 Action URL / Active URI
 Audio Recording, Call Recording
 Snapshot, Screenshot
 SIP Hotspot
 Group Broadcasting
 Group Listening

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
 13 mega-pixel (Adjustable Angle)
 Mechanical shutter for privacy

Audio

HD Voice Microphone/Speaker
 HAC handset
 Wideband ADC / DAC 16KHz Sampling
 Narrowband Codec G.711a/u, G.729AB, iLBC
 Wideband Codec G.722, Opus
 Full-duplex Acoustic Echo Cancellor (AEC)
 Noise Reduction (NR)
 Packet Loss Concealment (PLC)
 Dynamic Adaptive Jitter Buffer
 DTMF In-band, Out-of-Band – DTMF-Relay (RFC2833) / SIP INFO
 Wideband Codec: G.722, Opus
 Full-duplex Acoustic Echo Cancellor (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, IPv6
 IP Configuration Static / DHCP
 Network Access Control 802.1x
 QoS
 SIP-server primary and Backup

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
 Voice Message (On server)
 10-party Audio Conference, 3-party Video Conference
 Hot Line
 Hot Desking
 BLF

Network

SIP2.0 over UDP / TCP / TLS
 DNS A / SRV / NAPTR
 RTP / RTCP/ SRTP
 STUN
 DHCP
 802.1x
 SNTP
 HTTP/HTTPS
 TR-069

Deployment & Management

Auto-Provisioning via 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
 Network Diagnosis
 Network Firewall
 Online Upgrade
 Color Grey and White
 LCD x1 10.1- inch (1280x800 dpi) Touch Display
 Screen Physical keys *5 Volume- / Volume + / Home / Hands-free / Return
 HD Handset (RJ9) *1 Standard handset: without button, PTM handset
 PTT handset: push to talk button (optional)
 Directional microphone: Frequency response: 20Hz~20KHz
 SNR: ≥60 dB.1kHz at 1 Pa
 RJ9 Port *2: Connect with Handset
 RJ45 Port *2: Network x1, PC *1 (Bridged to Network)
 Interface
 Short circuit input *8
 Short circuit output *1
 HDMI interface *1
 Line-in interface *1
 Line-out interface *1
 Safety Keyhole *1
 USB2.0 Type A *1 (Support U-disk)
 USB3.0 Type C *1
 TF Card *1

Physical Specifications

Power DC 12V/3A or PoE+
 Power Consumption (PoE) 3.08W ~ 24.2W
 Power Consumption (Adapter) 2.13W ~ 20.1W
 Working Temperature 0 ~ 45°C
 Keypad: Working Humidity 10 ~ 95%
 Installation Desktop
 Qty/CTN 10 Pcs
 N.W/CTN 19.79 kg
 G.W/CTN 20.90 kg
 Device Dimensions
 Desktop Stand (Angles 45°): 309 x 214 x 187mm
 Desktop Stand (Angles 50°): 309 x 226 x 167mm
 Gift Box Dimensions 323 x 301 x 71mm
 Outer CTN Dimensions 624 x 383 x 348mm (10 Pcs)
 Package Contents
 IP Console Phone*1
 12V/3A Adapter
 Handset*1
 Standard RJ9 Handset Wire *1
 Quick Installation Guide*1
 1.5M CAT5 Ethernet Cable *1
 Gooseneck Microphone *1
 Desktop Stand*1