Datasheet

UBIQCOM™

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

UBIQCOM™

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, Opusv
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
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, 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
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
Ethernet Cable *1 Gooseneck Microphone *1 Desktop Stand*1