

## CORDLESS Wi-Fi IP PHONE

# UC100



UC100 is an enterprise video phone that runs on Android 11 operating system, with smoother operation experience. 5" 1280x720 multi-point touch IPS screen and HD voice brings you realistic visual-audio experience. Its built-in 8 mega-pixel camera enables convenient and fast video conference. In terms of team collaboration, UC100 supports HDMI port for an external display; the two multi-function USB ports, as well as built-in Bluetooth and dual band Wi-Fi (2.4G/5G), can adapt to more flexible office scenes and easily improve productivity. The T-Flash can greatly expand the storage space of the IP Phone. This phone has faster response speed and richer expansion functions. Through UC100, you can conduct remote collaboration better than ever.



### Key Features and Benefits

#### 1. Up-to-date performance, remote maintenance

Equipped with Quad-Core Cortex-A55 CPU, Mali-G52-2EE GPU, 2GB RAM, and 16GB eMMC flash memory, based on the mostly widely deployed Android 11 OS, UC100 has smoother operation experience, supports numerous multimedia smart APPs on Google Play. Open Curo software development kit (SDK) gives users highly customized "audio/video smartphone platform + APP" experience. Supports advanced tools like Curo Device Management System (HDMS) to remotely complete automatic deployment, firmware update and device management.

#### 2. 8-inch HD Touch Screen, intelligent cooperation experience

The UC100 adopts an 8-inch high-definition touch screen, an 8 mega-pixel built-in HD camera, supports 1080p HD video calls and up to ten-way audio/video mixed conference (at most 4-way video). Furthermore, the one-piece foot stand's angle can be adjusted freely, supports wall mounting, fulfilling different customer needs, suitable for various usage scenarios.

#### 3. Effective noise removal, undisturbed conversation

Supports several audio Codecs like Opus etc.; sampling rate of Opus cover all the way from 8 kHz (narrowband), 16 kHz (wideband), 32 kHz (ultra-wideband) to 48 kHz (all-band). It applies advanced acoustic shield technology, which improves AEC, shows excellent double-talk performance, and restores clear and clean voice

#### 4. Rich and practical functions, flexible connection modes

UC100 carries over traditional SIP phones' functions – it has many built-in native applications and is compatible with SIP platforms and devices globally. It supports SRTP/TLS and ZRTP media stream encryption, 802.1x media access control, MD5 and MD5-session based authentication request, AES security profile and other well-established security guarantee mechanism. Besides dual-port Gigabit ethernet ports and PoE, it has smoother wireless connection with built-in dual-band Wi-Fi (2.4G/5G) and Bluetooth; it has USB type-A 2.0, USB type-A 3.0 and USB type-C 2.0 interfaces, supports HDMI fast screen projection, and the Micro SD card slot expands the phone memory. In addition, UC100 also supports UC46 expansion modules and EHS30 wireless headset adapters



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## Up-to-date Performance &

### Remote Management

- Quad-Core Cortex-A55 CPU, Mali-G52-2EE GPU
- 2GB RAM, 16GB eMMC flash memory
- Supports multi-media smart apps on Google Play
- Curo Device Management System (HDMS) for remote deployment & updates
- Open SDK for customized app experiences

### Superior Display & Collaboration

- 8" HD touch screen
- 8MP HD camera
- Supports 1080p HD video calls
- Up to 10-way audio/video mixed conference (4-way video max)
- Adjustable stand & wall-mounting support

### Advanced Audio Processing

- Opus codec covering narrowband to full-band audio
- Acoustic Shield technology for enhanced noise cancellation
- HD voice support for handset, speakerphone

### Rich Features & Flexible Connections

- 16 SIP accounts
- Dual-port Gigabit Ethernet with PoE
- Built-in dual-band Wi-Fi (2.4G/5G) & Bluetooth
- Multiple USB ports (Type-A 2.0/3.0, Type-C 2.0)
- HDMI output for external display
- Micro SD card slot for expanded storage Compatible with UC46 expansion modules & EHS30 wireless headsets

### Technical Specifications:

- Directory & Call Management:
- Local phonebook supports up to 10,000 contacts
- XML/LDAP remote phonebook, blacklist, call history

- Smart dialing, search/import/export options
- Audio & Video Features:
- Video codecs: H.265, H.264 High Profile, VP8
- Audio codecs: Opus, G.722, G.711 (A/μ), G.729AB, iLBC, G.723.1
- DTMF: In-band, Out-of-band (RFC2833), SIP INFO
- Full-duplex hands-free speakerphone with AEC
- IP-PBX Features:
- Busy Lamp Field (BLF), Bridged Line Appearance (BLA)
- Anonymous call & rejection, voice mail, intercom, paging
- Call park, pickup, music on hold, hot-desking, call recording
- Security & Network:
- SIP v1/v2, Call server & SIP proxy redundancy
- NAT Traversal (STUN), HTTP/HTTPS web server
- TLS1.3, SRTP, ZRTP encryption, AES security profile
- IEEE802.1X/OpenVPN, IPv4/IPv6 support
- Physical & Power Specifications:
- Built-in adjustable stand & wall-mountable
- Power over Ethernet (PoE) or optional AC adapter
- Power consumption: PSU (3.5W-9W), PoE (4-10W)
- Operating temperature: 0~40°C
- Storage temperature: -10~60°C
- Operating humidity: 10~90%
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### Why Choose UC100?

- Next-level performance with Android 11
- Seamless remote collaboration
- Crystal-clear audio & HD video calls
- Robust security & flexible connectivity