

Enterprise HD IP Phone

—Gigabit Color IP Phone UC923U V2

UC923U V2 is an innovative Gigabit Color IP Phone with built-in Bluetooth module and dual-band Wi-Fi 6 (2.4G/5G) module, covering all scenes. It supports up to 6-way conferences. UC923U V2 is optimized for executive use for major decision makers, administrative assistants and those working with bandwidth-intensive applications on collocated PCs. The high-resolution TFT-LCD and HD Voice bring you a lifelike visual and audio experience.



Key Features and Benefits

1. HD Audio

UC923U V2 not only upgrades its hardware such as handset and hands-free components, but also supports Opus and other sound codecs, creating a clearer voice, and achieving HD sound quality under different network bandwidths. Moreover, UC923U V2 adopts the latest acoustic shield technology, which effectively eliminates environmental noise, making remote communication close at hand and helping your team to work more smoothly.

2. Powerful Expansibility

UC923U V2 integrates a USB 2.0 interface, which can be used for USB storage (screensaver, wallpaper, recording), phone version upgrade, phone system repair, connecting USB hub, USB headset, panic button, headset adapter EHS30.

It has Dual-port Gigabit Ethernet and supports PoE, making network connections more flexible and convenient. Supports wall hanging, meeting user needs in various scenarios.

3. High Security and Wide Compatibility

UC923U V2 supports SRTP and TLS which is the latest network security technology. It is widely compatible with third-party SIP devices and leading SIP platforms, such as 3CX, BroadSoft, Net Sapiens. Furthermore, UC923U V2 is equipped with a dual firmware image function, which can provide you with carrier-class system protection.

4. Efficient Installation and Provisioning

You can use Htek RPS (Redirection and Provisioning Service) to achieve fast and efficient deployment, realizing "Zero Touch Provisioning" in the true sense. In addition, it supports advanced tools such as Htek Device Management System (HDMS), so firmware update and device management can also be completed through remote operation, making the phone easy to use, easy to deploy, and easy to manage.

- 2.8" 320x240 pixel color display with backlight
- 8 SIP accounts, 8 feature keys, 6 line keys
- Support up to 20 paperless DSS keys
- Dual core CPU
- Dual firmware images
- Local phonebook up to 10000 entries
- Support receiving Video calls with video codec H.264
- 6-way conferencing
- Support Opus Codec
- Acoustic Shield technology
- HD Voice: HD Codec, HD Speaker, HD Handset
- Dual-port Gigabit Ethernet, PoE support
- USB Port
- Built-in Bluetooth 5.4
- Built-in dual band 2.4G/5G Wi-Fi 6
- Support EHS30
- Stand with 2 adjustable angles
- Wall mountable
- Support HDMS

Specifications



Phone Features

- 8 SIP accounts
- Call hold, mute, DND
- One-touch speed dial, hotline
- Call forward, call waiting, call transfer
- Redial, call return, auto answer, direct IP call
- 6-way conferencing
- Group listening, SMS, emergency call
- Ring tone selection/provisioning
- Set date time automatically or manually
- Dial plan for each account
- RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)
- Action URL/URI

Audio Features

- HD Voice: HD Speaker, HD Handset, HD codec
- Codecs: iLBC, G.722, G.711(A/μ), Opus, G.723.1, G.729A/B, G.726-32, G.722.1
- DTMF: In-band, RFC 2833, SIP INFO
- Full-duplex hands-free speakerphone with AEC
- AEC, VAD, AGC, CNG, PLC, AJB

Video Features

- Video decoding: H.264
- Maximum supported video resolution: 1080P

Directory

- Local phonebook up to 10000 entries
- XML/LDAP remote phonebook
- Intelligent search method
- Phonebook search/import/export
- Call history: dialed/received/missed/forwarded
- Black list

Display and Indicator

- 2.8" 320*240-pixel color display with backlight
- 24 bit depth color
- LED for call and message waiting indication
- Dual-color(red or green) illuminated
- LEDs for line status information
- Wallpaper, multi-language selection
- Intuitive user interface with icons and soft keys
- Caller ID with name, number and photo

IP-PBX Features

- Busy Lamp Field (BLF)
- Bridged Line Appearance (BLA)
- Anonymous call, anonymous call rejection
- Voice mail
- Intercom
- Paging
- Call park

- Call pickup
- Music on hold
- Hot-desking
- Flexible seating
- Call recording

Feature keys

- 6 line keys with LED
- 6 line keys can be programmed up to 20 Paperless DSS keys (4-page view)
- 8 feature keys: voice mail, headset, mute, speaker, conference, hold, transfer, redial
- 4 context-sensitive soft keys
- 6 Navigation keys(include cancel key) and volume control keys

Interface

- Dual-port Gigabit Ethernet
- Power over Ethernet (IEEE 802.3af), class 3
- IEEE 802.3az Green Energy Efficient Ethernet
- 1xRJ9 (4P4C) handset port
- 1xRJ9 (4P4C) headset port
- 1xUSB Port(2.0 compliant)
- 1 x RJ12 (6P6C) EXT port
- Support EHS30
- 1xUSB Port for:
 - Phone Upgrade function
 - System repair function
 - Call recording function
 - Wallpaper and screensaver changing function
 - Connecting USB hub
 - Connecting EHS30
 - Connecting Panic Button
 - Connecting USB headset

Physical Features

- Stand with 2 adjustable angles
- Wall mountable (need optional footstand)
- External universal AC adapter : AC 100~240V input and DC 5V/1.2A output
- Power consumption (PSU): 1.8~4.4W
- Power consumption (PoE): 2.3~5.3W
- Operating humidity: 10~95%
- Operating temperature: -10~50°C

Management

- Configuration: browser/LCD-Menu/auto-provision
- Auto provision via HTTP/HTTPS/FTP/TFTP
- Auto-provision with PnP
- Support SNMP&TR-069
- Reset to factory, reboot
- Local tracing log export, system log
- Phone lock for personal privacy protection

Wi-Fi/Bluetooth

- Built-in dual band Wi-Fi 6:
 - Network Standard: IEEE802.11a/b/g/n/ac
 - Transmission Rate: Up to 600 Mbps
 - Frequency Range: 2.4GHz/5GHz
- Built-in Bluetooth:
 - Bluetooth specification: V5.4+HSsystem
 - Enhanced Data Rate (EDR) compliant for both 2Mbps and 3Mbps supported
 - Bluetooth frequency range: 2.402GHz-2.480GHz
 - Compatible with Bluetooth specification V5.4
 - Backward compatible with Bluetooth 5.3 and earlier versions

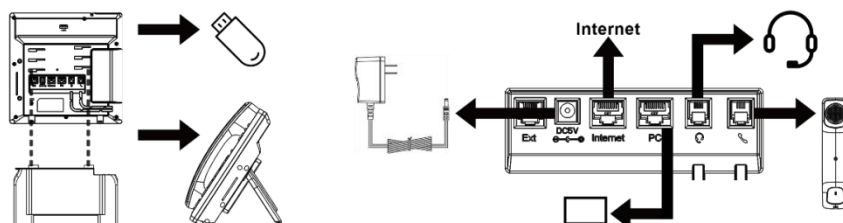
Network and Security

- SIP v1 (RFC2543), v2 (RFC3261)
- SIP server/proxy redundancy
- NAT Traversal: STUN mode
- IP assignment: static/DHCP
- HTTP/HTTPS web server
- HTTP Authentication(RFC 2617)
- Time and date synchronization using SNTP
- UDP/TCP/DNS-NAPTR/DNS-SRV (RFC 3263)
- QoS: Layer 2 QoS (802.1Q, 802.1P) and Layer 3 (ToS, DiffServ, MPLS) QoS
- Transport Layer Security(TLS1.3), SRTP, ZRTP
- HTTPS certificate manager
- AES encryption for configuration file
- Digest authentication using MD5/MD5-sess
- IEEE802.1X/OpenVPN
- IPv4/IPv6, LLDAP/CDP/DHCP VLAN

Package Features

- Package content:
 - Phone Device*1pcs
 - Footstand*1pcs
 - Handset*1pcs
 - Handset Cord*1pcs
 - Ethernet Cable*1pcs
 - Quick Reference Manual
 - Power Adapter (Optional)
 - Wallmount footstand (Optional)
- Qty/CTN:10pcs
- N.W/CTN:12.35kg
- G.W/CTN:13.40kg
- Phonebox Size: 225mm(L)*210mm(W)*100mm(H)
- Carton Meas:520mm(L)*470mm(W)*230mm(H)

Compliance



Learn More

To find out how Htek solutions can help your organization, visit us at www.htek.com or mail to sales@htek.cz.