



## Enterprise HD IP Phone

### —Gigabit Color IP Phone UC923U V2

UC923U V2 is an innovative Gigabit Color IP Phone with 2.8" 320\*240-pixel TFT-LCD. 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, and WFBT62 for obtaining Wi-Fi or Bluetooth. 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
- Support EHS30
- Stand with 2 adjustable angles
- Wall mountable
- Support HDMS

## 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.729AB, 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

## 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

## 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

## 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 EHS
- 1xUSB Port for:
  - Phone Upgrade function
  - System repair function
  - Call recording function
  - Wallpaper and screensaver changing function
  - Connecting USB hub
  - Connecting WFBT62
  - 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
- Reset to factory, reboot
- Local tracing log export, system log
- Phone lock for personal privacy protection

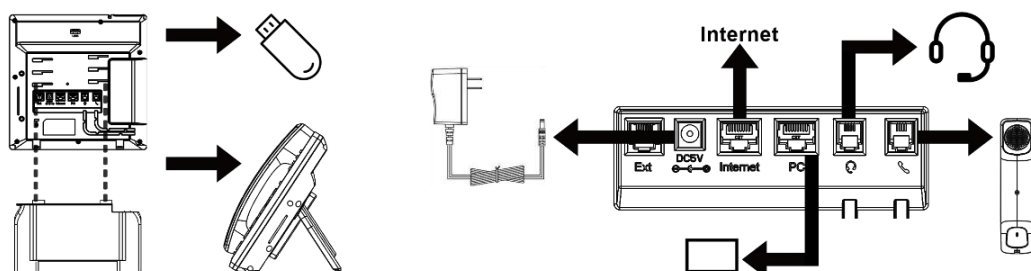
## Network and Security

- SIP v1 (RFC2543), v2 (RFC3261)
- SIP server/proxy redundancy
- NAT Traversal: STUN mode
- IP assignment: static/DHCP
- HTTP/HTTPS web server
- Time and date synchronization using SNTP
- DNS-NAPTR/DNS-SRV(RFC 3263)
- QoS: 802.1p/Q tagging (VLAN), Layer 3 ToS DSCP
- Transport Layer Security(TLS1.2), SRTP, ZRTP
- HTTPS certificate manager
- AES encryption for configuration file
- Digest authentication using MD5/MD5-sess
- IEEE802.1X/OpenVPN
- IPv4/IPv6, LLDP/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 foodstand (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](http://www.htek.com) or mail to [sales@htek.com](mailto:sales@htek.com).



## About Htek

Htek is a world-class designer and manufacturer of enterprise IP phones and gateways. Since 2005, Htek (aka Hanlong Technology) has provided customers in over 90 countries worldwide with high-quality VoIP products. Htek's UC900U series IP phones continue the tradition by focusing on cutting-edge features, broad SIP compatibility, great value, and an industry-leading warranty. Htek distributes its products via channel partners, and custom designs and rebrands products for large partners such as ITSPs. Nanjing Hanlong Technology Co., Ltd. is a private company headquartered in Nanjing, China, with offices in LATAM, North America and Europe.

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## Technical Support

Visit Htek official website (<http://www.htek.com/>) for firmware downloads, product documents, FAQ, and more. For better service, we sincerely recommend you to use Htek support system (<http://support.htek.com/>) to submit all your technical issues.



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