

## Enterprise HD IP Phone

### —Wi-Fi/Bluetooth IP Phone UC924E

UC924E is an innovative Gigabit Color IP Phone, 3.5" TFT-LCD with 480\*320 pixel. It supports up to 5-way conference. UC924E is optimized for executive use for major decision makers, administrative assistants and those working with bandwidth-intensive application on collocated PCs.

The high-resolution TFT-LCD and HD Voice bring you the lifelike visual and audio experience.



### Key Features and Benefits

#### 1. HD Audio

UC924E not only upgrades its hardware such as handset, hands-free components and headset, but also supports Opus and other sound codecs, creating a clearer voice, and achieving HD sound quality under different network bandwidths, making remote communication close at hand and helping your team to more smoothly.

#### 2. Industry-leading Connectivity

UC924E has a built-in Bluetooth 4.0 module and supports Bluetooth headsets, free from limits of wires. At the same time, it has built-in 2.4GHz Wi-Fi, needs no network cables and realizes swift deployment.

#### 3. Powerful Expansibility

UC924E supports Gigabit Ethernet port and PoE, which makes network connection more flexible and convenient; supports EHS30 adapter, which is convenient and fast to use together; it also can connect up to 6 color-screen expansion modules UC46 which can be programmed with up to 240 paperless DSS keys, supports wall hanging to meet user needs in different scenarios.

#### 4. Efficient Installation and Provisioning

You can use Htek RPS to achieve fast and efficient deployment. Users do not need to manually configure and upgrade the phone; instead, just power on and connect to the Internet, and the phone can be automatically deployed, saving a lot of time and cost, and 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.

- 3.5" 480x320-pixel color display with backlight
- 12 SIP accounts, 8 feature keys, 8 line keys
- Support up to 28 paperless DSS keys
- Local phonebook up to 1000 entries
- HD Voice: HD Codec, HD Speaker, HD Handset
- Dual firmware images
- Dual-port Gigabit Ethernet
- PoE support
- Built-in 2.4GHz Wi-Fi
- Built-in Bluetooth 4.0
- Stand with 2 adjustable angles
- Wall mountable
- Support expansion modules
- Support HDMS

## Phone Features

- 12 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
- 5-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
- DTMF: In-band, RFC 2833, SIP INFO
- Full-duplex hands-free speakerphone with AEC
- AEC, VAD, AGC, CNG, PLC, AJB

## 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

- 3.5" 480x320-pixel color display with backlight
- 16 bit depth color
- LED for call and message waiting indication
- 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

- 8 line keys with LED
- 8 line keys can be programmed up to 28 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
- Support up to 6 Expansion Modules
- 1 x RJ12 (6P6C) EXT port
- Support EHS

## Physical Features

- Stand with 2 adjustable angles
- Wall mountable
- External universal AC adapter : AC 100~240V input and DC 5V/1.2A output
- Power consumption (PSU): 2.0~4.6W
- Power consumption (PoE): 2.5~5.5W
- 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

## Wi-Fi/Bluetooth

- Wi-Fi:
  - Network Standard: IEEE802.11a/b/g/n
  - Transmission Rate: Up to 150 Mbps
  - Frequency Range: 2.4GHz
- Built-in Bluetooth:
  - Bluetooth specification:V4.0+HSsystem
  - Enhanced Data Rata (EDR) compliant for both 2Mbps and3Mbps supported
  - Bluetooth frequency range: 2.402GHz-2.480GHz
  - Compatible with Bluetooth specification V4.2,
  - Backward compatible with Bluetooth1.1 1.2 2.0 and 3.0 for wide-ranging use

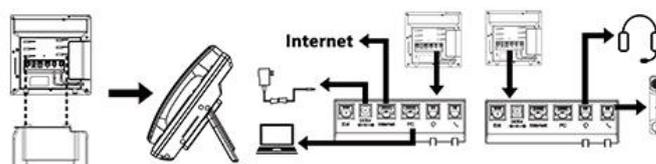
## Network and Security

- 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)
- Qty/CTN:10pcs
- N.W/CTN:13.76kg
- G.W/CTN:15.01kg
- Phonebox Size: 245mm(L)\*225mm(W)\*100mm(H)
- Carton Meas:525mm(L)\*510mm(W)\*245mm (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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