

## 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.

# UC924E



**IP PHONE** [www.htek.com](http://www.htek.com)  
THE FUTURE





## 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/UR

## Audio Features

HD Voice: HD Speaker, HD Handset, HD codec  
Codecs: G.722, Opus, iLBC, G.711(A/μ), 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 1000 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  
Message Waiting Indicator (MWI), voice mail  
Intercom, paging  
Hot-desking  
Call park, call pickup  
Music on hold

## 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  
Intuitive user interface with icons and soft keys  
Wallpaper, national language selection  
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  
1xRJ9 (4P4C) handset port, 1xRJ9 (4P4C) headset port  
1 x RJ12 (6P6C) EXT port, Support EHS  
Support up to 6 Expansion Modules

## Physical Features

Wall mountable, Stand with 2 adjustable angles  
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, restart, 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

### Bluetooth:

Bluetooth specification: V4.0+HS system  
Enhanced Data Rate (EDR) compliant for both 2Mbps and 3Mbps supported  
Bluetooth frequency range: 2.402GHz-2.480GHz  
Compatible with Bluetooth specification V4.0, backward compatible with Bluetooth 1.1 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 NTP  
DNS-NAPTR/DNS-SRV (RFC 3263)  
QoS: 802.1p/Q tagging (VLAN), Layer 3 ToS DSCP  
Transport Layer Security (TLS 1.2), SRTP, ZRTP  
HTTPS certificate manager  
AES encryption for configuration file  
Digest authentication using MD5/MD5-session  
IEEE802.1X/OpenVPN  
IPv4/IPv6, LLD/CDP/DHCP VLAN