



## Enterprise HD IP Phone

### —Gigabit Color IP Phone UC 923U

UC 923U is an innovative Gigabit Color IP Phone with 2.8" 320\*240 pixel TFT-LCD. It supports up to 5-way conference. UC 923U 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.

UC 923U



# IP PHONE THE FUTURE

www.htek.com



## 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  
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  
USB port (2.0 compliant) for:  
USB call recording through USB flash drive  
USB storage(screen saver, wallpaper)

## Audio Features

HD Voice: HD Speaker, HD Handset  
Codecs: iLBC, G.722, G.711(A/μ), Opus, G.723.1, G.729AB, G.726-32, G.722.1, AMR-WB(G.722.2)  
DTMF: In-band, RFC 2833, SIP INFO  
Full-duplex hands-free speakerphone with AEC  
AEC, VAD, AGC, CNG, PLC, AJB, JIB

## 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  
Hot-desking, voice mail  
Call park, call pickup  
Intercom, paging  
Music on hold  
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 various features (4-page view)  
8 feature keys: voice mail, headset, mute, speaker, conference, hold, transfer, redial  
4 context-sensitive soft keys  
6 Navigation keys, 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  
1xUSB Port(2.0 compliant)

## 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): 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