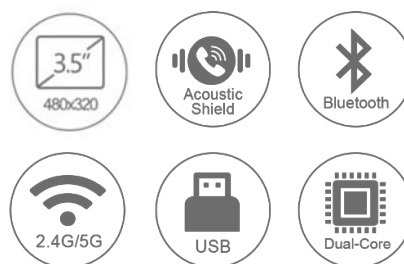


Enterprise HD IP Phone

——Wi-Fi/Bluetooth IP Phone UC924W

UC924W is an innovative Gigabit color IP phone with built-in Bluetooth module and dual-band Wi-Fi (2.4G/5G) module, covering all scenes. Its USB2.0 interface allows you to connect an external USB flash drive, which greatly expands the storage space of the IP Phone. Up to 6 expansion modules can be connected. It supports up to 5-way conference. UC924W is optimized for executive use for major decision makers, administrative assistants and those working with bandwidth-intensive application on collocated PCs. Programmable keys could be configured as IP PBX features like BLF, SCA, Intercom, Call Park and many other features. The high-resolution TFT-LCD and HD Voice bring you the lifelike visual and audio experience.



Key Features and Benefits

1. HD Audio

UC924W 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. Moreover, UC924W adopts the latest acoustic shield technology, which effectively eliminates environmental noise, making remote communication close at hand and helping your team to more smoothly.

2. Industry-leading Connectivity

UC924W has a built-in Bluetooth 4.2 module and supports Bluetooth headsets. Meanwhile, to greet the 5G Wi-Fi era, UC924W has built-in dual-band 2.4G/5G Wi-Fi. 5G Wi-Fi has better interference immunity and faster transmission speed, helping you break through the data flood dilemma and enter the "fast lane".

3. Powerful Expansibility

UC924W integrates a USB 2.0 interface, which can be used for U disk storage and USB headset. It has Dual-port Gigabit Ethernet and supports PoE, making network connections more flexible and convenient; 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. High Security and Wide Compatibility

UC924W 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, NetSapiens. Furthermore, UC924W is equipped with a dual firmware images function, which can prevent system crashes caused by upgrade failures and provide you with carrier-class system protection.

- 3.5" 480*320-pixel color display with backlight
- 12 SIP accounts, 8 feature keys, 8 line keys
- Support up to 28 paperless DSS keys
- Acoustic shield technology
- Dual core CPU
- Dual firmware images
- Support EHS30
- Support expansion modules
- Local phonebook up to 10000 entries
- Dual-port Gigabit Ethernet, PoE support
- 1 x USB Port (2.0 compliant) for more functions
- Built-in Bluetooth 4.2
- Built-in dual band 2.4G/5G Wi-Fi
- Local phonebook up to 10000 entries
- Support HDMS

Specifications



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

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

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" 480*320-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

- 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
- 1xRJ9 (4P4C) headset port
- 1 x RJ12 (6P6C) EXT port
- Support EHS
- Support up to 6 Expansion Modules
- 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): 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

- Built-in dual band Wi-Fi:
 - Network Standard: IEEE802.11a/b/g/n/ac
 - Transmission Rate: Up to 433 Mbps
 - Frequency Range: 2.4GHz/5GHz
- Built-in Bluetooth:
 - Bluetooth specification:V4.2+HSsystem
 - Enhanced Data Rate (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

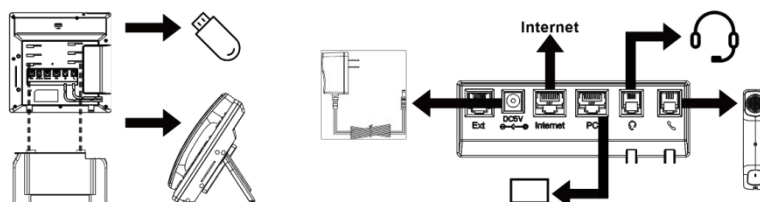
Network and Security

- 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 or mail to sales@htek.com.