



Cordless Wi-Fi Phone—IP Phone UCW10

UCW10 is a portable Wi-Fi IP phone that integrates 2.4GHz/5GHz dual band Wi-Fi 6, combining the advantages of wireless communication and the rich features of IP phone, covering all scenarios. With an ultra-long battery life of up to 10-hour talk time and up to 200-hour standby time, confidential conversation is stress-free. At the same time, the mobility and durability of UCW10 are also significant advantages. It can communicate smoothly even when moving across regions. Full duplex speakers, AEC, support for Opus and other codecs enhance the call experience under weak networks, allowing you to enjoy high-definition audio quality anytime and anywhere. Therefore, UCW10 is the perfect choice for mobile scenarios.



Key Features and Benefit

1. Uninterrupted Mobility with Intelligent Wi-Fi Roaming

Equipped with dual-band Wi-Fi 6 technology, UCW10 ensures stable connectivity even in high-density environments, leveraging enhanced anti-interference capabilities and accelerated data speeds. It employs IEEE 802.11k/v/r protocols to enable seamless access point transitions, eliminating call drops or interruptions during movement. Integrated Bluetooth 5.4 further enhances wireless freedom, allowing users to pair headsets for flexible mobility across workspaces.

2. HD Audio and Noise Reduction Technology

UCW10 supports Opus and other sound codecs, with noise reduction technology, creating a clearer voice, and achieving HD sound quality under different network bandwidths.

3. Secure Transport and Interoperability

UCW10 supports SRTP/TLS, 802.1X network access control, AES security profile and other well-established security guarantee mechanisms. It is widely compatible with third-party SIP devices and leading SIP platforms, such as 3CX, Broadsoft, NetSapiens. Furthermore, UCW10 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.

4. Efficient Installation and Provisioning

You can use 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, 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.

- 2.4" 240 x 320-pixel color display
- 4 SIP accounts
- Built-in Bluetooth 5.4
- Built-in 2.4G/5G dual band Wi-Fi 6
- Support IEEE802.11k/v/r roaming
- Backlit keypad
- HD Voice: HD Codec, HD Speaker, HD Earpiece
- Noise Reduction Technology
- Support Opus Codec
- Vibration
- Up to 10-hour of talk time
- Up to 200-hour of standby time
- 3000mAh Battery
- Type-C charging
- 6-way conference
- Support wall installation
- Support HDMS

Specifications



Phone Features

- 4 SIP account
- 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 per account
- RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)
- Action URL/URI

Audio Features

- HD voice: HD speaker, HD handset, HD codec
- Noise Reduction Technology
- Codecs: iLBC, G.722, G.711(A/μ), Opus G.723, G.729A/B, G.726-32
- DTMF: In-band, RFC 2833, SIP INFO
- Full-duplex hands-free speakerphone with AEC
- VAD, AGC, CNG, AEC, 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
- Block 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

- 2.4" 240 x 320-pixel color display
- LED for call and message indication
- Vibration
- Intuitive user interface with icons and soft keys
- National language selection
- Caller ID with name, number

Feature keys

- Volume control key
- 5 navigation keys
- 3 softkeys
- Push-to-talk key
- Dial key
- Hang up key
- Speakerphone key
- Quick access / mute key
- Numeric keys

Interface

- On base:
 - 1 x USB type-C 2.0 port for charging
 - 1 x USB type-A 2.0 port for charging other devices
 - 1 x USB type-C 2.0 port for charging other devices
- On phone:
 - 1 x 3.5 mm headset jack
 - 1 x USB type-C 2.0 port for charging /headset/storage

Physical Features

- Support wall installation
- External universal AC adapter :
 - AC 100~240V input and DC 5V/1.2A output
- Operating Temperature: 0°C to 45°C
- Storage Temperature: -20°C to 60°C
- Operating Humidity: 10-90% (non-condensing)
- Storage Humidity: 10-90% (non-condensing)

Management

- Configuration: browser/LCD-Menu/auto-provision
- Auto provision via HTTP/HTTPS/FTP/TFTP
- Auto provision with PnP/TR-069
- 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: IEEE 802.11 a/b/g/n/ac/ax(Wi-Fi 6)
 - Roaming: IEEE802.11 k/r/v
 - Frequency Range: 2.4GHz/5GHz
- Built-in Bluetooth:
 - Bluetooth 5.4
 - For connecting Bluetooth headsets

Network and Security

- SIP v1 (RFC2543), v2 (RFC3261)
- SIP server/proxy redundancy
- NAT Traversal: STUN mode
- HTTP/HTTPS web server
- Time and date synchronization using SNTP
- DNS-NAPTR/DNS-SRV (RFC 3263)
- QoS: Layer 3 ToS DSCP
- TLS1.3, SRTP
- HTTPS certificate manager
- AES encryption for configuration file
- Digest authentication using MD5/MD5-sess
- IEEE802.1X
- IPv4/IPv6

Package Features

- Package content:
 - UCW10 Wi-Fi Phone *1pcs
 - Rechargeable Battery *1pcs
 - Wall-Mountable Base *1pcs
 - Type-C Charger *1pcs
 - Quick Start Guide *1pcs
 - Belt Clip ×1

Learn More

To find out how Htek solutions can help your organization, visit us at www.htek.com or mail to 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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