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.

UC924W

Wi-Fi&Bluetooth inside

3.5 INCH	Acoustic Shield	Phonebook 10000+	USB	Dual-Core	2.4G/5G

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
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
Hot-desking, voice mail
Call park, call pickup
Intercom, paging
Music on hold
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
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:V4.0+HSsystem
Enhanced Data Rata (EDR) compliant for both 2Mbps and 3Mbps supported
Bluetooth frequency range: 2.402GHz-2.480GHz
Compatible with Bluetooth specification V4.0, 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