



Enterprise HD IP Phone

—Gigabit Color IP Phone UC924U

UC924U is an innovative Gigabit Color IP Phone with 3.5" 480*320 pixel TFT-LCD. It supports up to 5-way conference. 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. UC924U 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.

UC924U





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

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