



Enterprise HD IP Phone

——Wi-Fi & Bluetooth IP Phone UC921E

UC921E is an innovative color IP phone with built-in Bluetooth module and 2.4G Wi-Fi module, covering all scenes. It supports up to 5-way conference. UC921E delivers superior HD audio quality, rich and leading-edge telephony features, all the functions of software are the same as other models. It is a perfect choice for small to medium businesses looking for a high quality, feature rich IP Phone at an affordable cost.

UC921E





Phone Features

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

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
- 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 1000 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
- Message Waiting Indicator (MWI), voice mail
- Intercom, paging
- Call park, call pickup
- Music on hold
- Hot-desking

Display and Indicator

- 2.8" 320x240 pixel color LCD with backlight
- LED for call and message waiting indication
- Illuminated LEDs for line status information
- Intuitive user interface with icons and soft keys
- National language selection
- Caller ID with name, number

Feature keys

- 4 line keys with LED
- 4 line keys can be programmed up to 12 paperless DSS keys (4-page view)
- 6 feature keys: mute, headset, message transfer, redial, speaker
- 4 context-sensitive "soft" keys
- 5 navigation keys,
- volume control keys

Interface

- Dual-port 10/100M Ethernet
- Power over Ethernet (IEEE 802.3af), class 2
- 1xRJ9 (4P4C) handset port
- 1xRJ9 (4P4C) headset port

Physical Features

- Stand with one angle at 40°
- 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

Wi-Fi/Bluetooth

Built-in Wi-Fi:
Network Standard: IEEE802.11b/g/n
Transmission Rate: Up to 150 Mbps
Frequency Range: 2.4GHz

Built-in Bluetooth:
Bluetooth specification: V4.2+HSSystem
Enhanced Data Rate (EDR) compliant for both 2Mbps and 3Mbps supported
Bluetooth frequency range: 2.402GHz-2.480GHz
Compatible with Bluetooth specification V4.2, backward compatible with Bluetooth 1.1 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
- DHCP/static/IEEE802.1X/open VPN
- HTTP/HTTPS web server
- Time and date synchronization by SNTP
- DNS-NAPTR/DNS-SRV (RFC 3263)
- QoS: 802.1p/Q tagging (VLAN),
Layer 3 ToS DSCP
- TLS (Transport Layer Security), SRTP, ZRTP
- HTTPS certificate manager
- AES encryption for configuration file
- Digest authentication using MD5/MD5-session
- IPv4/IPv6, LLDP/CDP/DHCP VLAN