

# tiptel Htek UC924E

## Zakelijke HD IP telefoon met Bluetooth en WiFi

De tiptel Htek UC924E is een innovatieve Gigabit Color IP Phone met 3.5" TFT-LCD scherm met 480 x 320 pixels. Deze telefoon ondersteunt 5-weg conferentie. Uitbreidbaar met een keymodule UC46 en 4 SIP accounts. De UC924E is voorzien van vele functies en eenvoudig in gebruik. De hoge resolutie TFT-LCD en HD Voice brengen je een levensechte visuele- en geluidservaringen. De E versie ondersteunt; Bluetooth en WiFi

### Highlights

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- 3,5"/8,89 cm grafisch TFT-LCD kleurendisplay, achtergrondverlichting, 480 x 320 pixels, 262.000 kleuren
- 4 VoIP-accounts
- 8 softkeys
- 10/100/1000 Mbit/s Dual-port Ethernet
- Power over Ethernet (PoE)
- HD-audio en ondersteuning voor gangbare smalband-codecs
- Support Bluetooth/WiFi



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### 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
- XML Browser, action URL/URI
- 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)

### Voice Codex Features

- HD voice: HD handset, HD speaker
- Codecs: iLBC, G.722, G.711(A/μ), GSM\_FR, G.723, G.729AB, 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 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
- Call park, call pickup
- Intercom, paging
- Music on hold
- Hot-desking

### Display and Indicator

- 3.5" 480 x 320-pixel color display with backlight
- 16 bit depth color
- LED for call and message waiting indication
- Dual-color (red or green) illuminated
- LEDs for line status information
- Intuitive user interface with icons and soft keys
- Wallpaper, national language selection
- Caller ID with name, number and photo
- Support Bluetooth

### Feature keys

- 8 line keys with LED
- 8 line keys can be programmed up to
- 28 various features (4-page view)
- 8 features keys: voice mail, headset, mute, speaker, conference, hold, transfer, redial,
- 4 context-sensitive "soft" keys
- 6 navigation keys, volume control keys
- Illuminated speaker key/headset key/mute key

### Interface

- Dual-port Gigabit Ethernet
- Power over Ethernet (IEEE 802.3af), class 3
- 1xRJ9 (4P4C) handset port
- 1xRJ9 (4P4C) headset port
- Support Bluetooth & WiFi
- Supports up to 6 Expansion Modules

### Physical Features

- Stand with 3 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, restart, 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
- DHCP/static/PPPoE/IEEE802.1X/open VPN
- HTTP/HTTPS webserver
- 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
- HTTPS certificate manager
- AES encryption for configuration file
- Digest authentication using MD5/MD5-sess

### Bluetooth

- V4.0+HS system
- Enhanced Data Rate (EDR) compliant both 2Mbps and 3Mbps supported
- Bluetooth frequency range: 2.402GHz-2.480GHz Compatible with Bluetooth specification V4.0, back compatible with Bluetooth 1.2 2.0 and 3.0 or wide-ranging use

### Wi-Fi

- Network Standard: IEEE802.11b/g/n
- Transmission Rate: 150 Mbps
- Frequency Range: 2.4GHz

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