



**GIGABIT** www.h-tek.com **& COLOR**  
GIGABIT IP PHONE **UC926**



Gigabit Ethernet    Color Screen    HD Voice    POE    LDAP    5-way conference

# IP PHONE THE FUTURE

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## Phone Features

- 6 VoIP accounts
- Call hold, mute, DND
- One-touch speed dial, hotline
- Call forward, call waiting, call transfer
- Redial, call return, auto answer
- 5-way conferencing
- Direct IP call
- 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)
- XML Browser
- Action URL/URI

## Voice Codecs 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
- Hot-desking
- Message Waiting Indicator (MWI)
- Voice mail
- Intercom, paging
- Call park, call pickup
- Music on hold
- Call recording

## Display and Indicator

- 4.3" 480 x 272-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
- Intuitive user interface with icons and soft keys
- National language selection
- Caller ID with name, number and photo

## Feature keys

- 10 line keys with LED
- 10 line keys can be programmed up to 36 various features (4-page view)
- 8 features keys: voice mail, headset, speaker, hold, mute, transfer, call list, conference
- 4 context-sensitive "soft" keys
- 6 navigation keys
- Volume control keys
- Illuminated speaker key
- Illuminated headset key
- Illuminated mute key

## Interface

- Dual-port Gigabit Ethernet
- Power over Ethernet (IEEE 802.3af), class 3
- 1xRJ9 (4P4C) handset port
- 1xRJ9 (4P4C) headset port
- 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
- Dimension (W\*D\*H\*T):
- 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
- 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
- IEEE802.1X
- TLS (Transport Layer Security)
- SRTP
- Open VPN
- HTTPS certificate manager
- AES encryption for configuration file
- Digest authentication using MD5/MD5-sess