Standard and Affordable SIP Phone for Business

The SIP-T42G is a feature-rich sip phone for business. The 3-Line IP Phone has been designed by pursuing ease of use in even the tiniest details. Delivering a superb sound quality as well as rich visual experience. Supports seamless migration to GigE-based network infrastructure. With programmable Keys, the IP Phone supports vast productivity-enhancing features. Using standard encryption protocols to perform highly secure remote provisioning and software upgrades.

HD Optima HD Voice **1000M** Gigabit **Paperless**

Key Features and Benefits

Revolutionarily new design

Yealink's SIP Phones continue to evolve, the T4 Series have been designed by pursuing ease of use in even the tiniest details, these new design include paper label free design, new foot stand allows two posi-tions for the device, non-slip rubber feet, ergonomic recessed buttons etc.

HD Audio

Yealink Optima HD Voice refers to the combination of software and hardware design as well as the implementation of wideband technology to maximizes the acoustic performance. Coupled with advanced acoustic clarity technology such as full duplex, echo cancellation, Adaptive jitter buffer etc. Creating an amazing face-to-face live experience.

Enhanced Call Management

The SIP-T42G supports vast productivity-enhancing feature such as SCA, BLF List, call forward, call transfer, 3-way conference.Three pages of 6 flexible buttons are shown on the display can be programmed up to 15 various features. Support Yealink YHS32, With EHS36 user can control phone through wireless headset.

Efficient Installation and Provisioning

Dual-port Gigabit Ethernet is designed for flexible deployment options and lower cabling expenses. Integrated IEEE 802.3af Power-over-Ethernet allows easy deployment with centralized powering and backup.The SIP-T42G support the FTP, TFTP, HTTP, and HTTPS protocols for file provisioning and are configured by default to use Trivial File Transfer Protocol (TFTP), supports AES encrypted XML configuration file.

Highly secure transport and interoperability

The Communicator uses SIP over Transport Layer Security (TLS/SSL) to provide service providers the latest technology for enhanced network security. The range is certified compatible with 3CX, Asterisk and Broadsoft Broadworks, ensuring excellent compatibility with leading soft switch suppliers.

> Revolutionarily new design

> Yealink Optima HD voice

> Dual-port Gigabit Ethernet

> 2.7" 192x64-pixel graphical
  LCD with backlight

> Up to 3 SIP accounts

> Paper label free design

> PoE support

> Headset, EHS support

> Integrated stand with 2
  adjustable angles

> Wall mountable

> Simple, flexible and secure
  provisioning options

Audio Features

- > HD voice: HD handset, HD speaker
- > Wideband codec: G.722
- > Narrowband codec: G.711(A/μ), G.723.1, G.729AB, G.726, GSM, iLBC
- > DTMF: In-band, Out-of-band(RFC 2833) and SIP INFO
- > Full-duplex hands-free speakerphone with AEC
- > VAD, CNG, AEC, PLC, AJB, AGC

Phone Features

- > 3 VoIP accounts
- > One-touch speed dial, redial
- > Call forward, call waiting
- > Call transfer, call hold
- > Call return, group listening
- > Mute, auto answer, DND
- > 3-way conference call
- > Direct IP call without SIP proxy
- > Ring tone selection/import/delete
- > Hotline, emergency call
- > Set date time manually or automatically
- > Dial plan
- > XML Browser,
- > Action URL/URI

Directory

- > Local phonebook up to 1000 entries
- > Black list
- > XML/LDAP remote phonebook
- > Intelligent search method
- > Phonebook search/import/export
- > Call history: dialed/received/missed/forwarded

IP-PBX Features

- > Busy Lamp Field (BLF)
- > Bridged Line Apperance(BLA)
- > Anonymous call, anonymous call rejection
- > Hot-desking
- > Message Waiting Indicator (MWI)
- > Voice mail
- > Call park, call pickup
- > Intercom, paging,
- > Music on hold
- > Call recording

Display and Indicator

- > 2.7" 192x64-pixel graphical LCD with backlight
- > 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
- > National language selection
- > Caller ID with name, number

Feature keys

- > 6 line keys with LED
- > 6 line keys can be programmed up to 15 various features (3-page view)
- > 5 features keys: message, headset, mute, redial, hands-free speakerphone
- > 4 context-sensitive "soft" keys
- > 6 navigation keys
- > 2 volume control keys
- > Illuminated mute key
- > Illuminated headset key
- > Illuminated hands-free speakerphone key

Interface

- > Dual-port Gigabit Ethernet
- > 1xRJ9 (4P4C) handset port
- > 1xRJ9 (4P4C) headset port
- > 1XRJ12 (6P6C) EHS port
- > Power over Ethernet (IEEE 802.3af), Class 2

Other Physical Features

- > Stand with 2 adjustable angles
- > Wall mountable
- > External universal AC adapter (optional): AC 100~240V input and DC 5V/1.2A output
- > Power consumption (PSU): 1.4W-3.9W
- > Dimension(W*D*H*T): 212mm*189mm*175mm*54mm
- > Operating humidity: 10~95%
- > Storage temperature: -10~50°C

Package Features

- > Qty/CTN: 5 PCS
- > N.W/CTN: 6.9 kg
- > G.W/CTN: 7.6 kg
- > Giftbox size: 241mm*236mm*138mm
- > Carton Meas: 707mm*253mm*244mm

Management

- > Configuration: browser/phone/auto-provision
- > Auto provision via FTP/TFTP/HTTP/HTTPS for mass deploy
- > Auto-provision with PnP
- > Zero-sp-touch
- > Phone lock for personal privacy protection
- > Reset to factory, reboot
- > Package tracing export, system log

Network and Security

- > SIP v1 (RFC2543), v2 (RFC3261)
- > Call server redundancy supported
- > NAT transverse: STUN mode
- > Proxy mode and peer-to-peer SIP link mode
- > IP assignment: static/DHCP
- > HTTP/HTTPS web server
- > Time and date synchronization using SNTP
- > UDP/TCP/DNS-SRV(RFC 3263)
- > QoS: 802.1p/Q tagging (VLAN), Layer 3 ToS DSCP
- > SRTP for voice
- > Transport Layer Security (TLS)
- > HTTPS certificate manager
- > AES encryption for configuration file
- > Digest authentication using MD5/MD5-sess
- > OpenVPN, IEEE802.1X
- > IPv6

Certifications

CE FC RoHS Compliant REACH ISO 9001

3CX Asterisk AVAYA BROADSOFT Technology Partner Genesys