

## Cost-Effective SIP Phone for Business

The SIP-T27P is a full featured SIP phone designed to deliver superb sound quality and uses standard encryption protocols to deliver secure remote provisioning. Offering a rich user experience and boasting a wide range of functionality, including SCA, BLF, 3-way conference and paperless labels, this Optima HD SIP phone is headset compatible and can be expanded using the EXP39 module.



Optima  
HD Voice



Paperless



### Key Features and Benefits

#### HD Audio

Yealink Optima HD Voice is a combination of software and hardware design, as well as the implementation of wideband technology to maximise the acoustic performance. This, coupled with advanced acoustic clarity technology, such as full duplex, echo cancellation, adaptive jitter buffer etc. creates a crystal clear audio experience.

#### Enhanced Call Management

The SIP-T27P incorporates productivity-enhancing features such as SCA, BLF List, call forward, call transfer, and 3-way conferencing. Three pages of 8 soft keys are displayed and can be programmed to support various features. The SIP-T27P supports the Yealink YHS32 professional headset, and the EHS36 adaptor, which enables support of other headset brands.

#### Efficient Installation and Provisioning

Integrated IEEE 802.3af Power-over-Ethernet allows centralised power management. The SIP-T27P support the FTP, TFTP, HTTP, and HTTPS protocols for file provisioning and are configured by default to use Trivial File Transfer Protocol (TFTP). In addition AES encryption and XML configuration are also supported.

#### Highly Secure Transport and Interoperability

The SIP-T27P uses SIP over Transport Layer Security (TLS/SSL) enabling service providers to make use of the latest technology for enhanced network security. The phone is certified compatible with 3CX, Asterisk and Broadsoft Broadworks, ensuring excellent compatibility with leading soft switch providers.

- Yealink Optima HD voice
- 3.66" 240x120-pixel graphical LCD with backlight
- Up to 6 SIP accounts
- Paperless design
- PoE support
- Headset, EHS support
- Integrated stand with 2 adjustable angles
- Wall mountable (optional)
- 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, 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

- 6 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
- Integrated Screenshots
- RTCP-XR

## Directory

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

## IP-PBX Features

- Busy Lamp Field (BLF)
- Bridged Line Appearance (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

- 3.66" 240x120-pixel graphical LCD with backlight
- LED for call and message waiting indication
- Dual-colour (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

- 8 line keys with LED
- 8 line keys can be programmed up to 21 various features (3-page view)
- 8 feature keys: message, headset, conference, mute, hold, transfer, redial, hands-free speakerphone
- 4 context-sensitive "soft" keys
- 6 navigation keys
- 2 volume control keys
- Illuminated message key
- Illuminated headset key

## Interface

- 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 (optional)
- External universal AC adapter (optional): AC 100~240V input and DC 5V/1.2A output
- Power consumption (PSU): 1.17 3.32W
- Power consumption (PoE): 1.60 5.94W
- Dimension(W\*D\*H\*T): 265mm x 210mm x 170.5mm x 53.5mm
- Operating humidity: 10-95%
- Operating temperature: -10~50°C

## Package Features

- Qty/CTN: 5 PCS
- N.W/CTN: 6.8kg
- G.W/CTN: 7.6kg
- Giftbox size: 305mm x 225mm x 118mm
- Carton Meas: 610mm x 310mm x 232mm

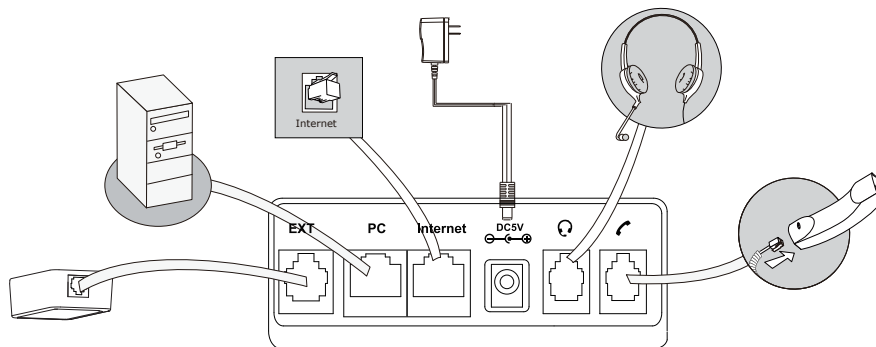
## Management

- Configuration: browser/phone/auto-provision
- Auto provision via FTP/TFTP/HTTP/HTTPS for mass deployment
- 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 synchronisation 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
- Open VPN, IEEE802.1X
- IPv6

## Certifications



## Learn More

To find out how Yealink solutions can help your organisation, visit us at [www.yealink.co.za](http://www.yealink.co.za) or mail to [sales@yealink.co.za](mailto:sales@yealink.co.za)