

## T27PN

6 SIP user accounts

240 x 120 pixels graphical backlit LCD

8 paperless keys

Dual 10/100 ethernet port

Headset port, BLF, BLA

Handsfree

Optional expansion module



Optima  
HD Voice



Paperless

The SIP-T27PN is a highly 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 EXP39B module.

# T27PN

## T27PN Accessories

**EXP39B Expansion Module**  
38 BLF's



**EHS36 Electronic Hookswitch Adapter** Enables support for Plantronics, Jabra and Sennheiser DECT cordless headsets



**YHS32 Headset**  
Lightweight over-the-head monaural headset



## 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

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

## 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 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)  
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

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

## Management

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

## Network and Security

SIP v1 (RFC2543), v2 (RFC3261)  
NAT traverse: 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-session  
OpenVPN, IEEE802.1X  
IPv6

## Certifications



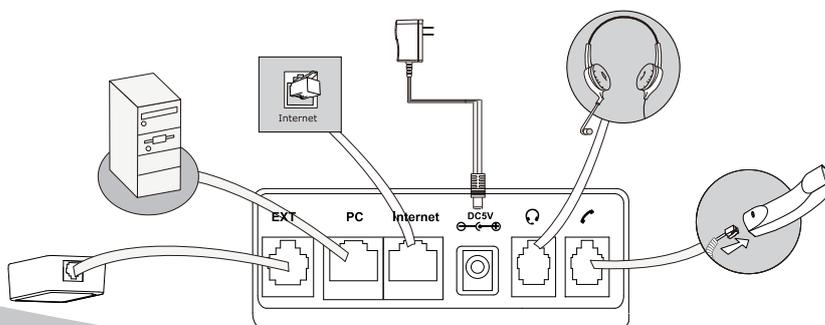
WEEE Compliant



ROHS Compliant



Hearing Aid Compatible



**Yealink**  
EASY VoIP