

## Revolutionary SIP phone with a multitude of professional features

The SIP-T46G is Yealink latest revolutionary IP Phone for executive users and busy professionals. New designs appears the commerce, with high-resolution TFT color display, delivering a rich visual experience. Yealink Optima HD technology enables rich, clear, life-like voice communications. Supports Gigabit Ethernet, a variety of device connections, including EHS headset and USB. With programmable keys, the IP Phone supports vast productivity-enhancing features.



Optima  
HD Voice



Gigabit



Paperless



USB 2.0



### Key Features and Benefits

#### Revolutionarily new design

Yealink 's SIP Phones continue to evolve, the SIP-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.

#### A rich visual experience for applications

SIP-T46G Supports vast productivity-enhancing feature such as XML Browser, SCA, BLF List, call forward, call transfer, 3-way conferencing, the 4.3 inch backlit color display enables rich visual presentation and easier navigation of the menu. Three pages of 10 flexible buttons are shown on the display can be programmed up to 27 various features.

#### Advanced connectivity and expandability

For network connectivity, the SIP-T46G comes with two Gigabit Ethernet ports, one of them suitable for Power over Ethernet. Supports a variety device connections, including EHS headset and USB. A built-in USB 2.0 port can also be used for Bluetooth, Wi-Fi and USB recording.

Supports up to 6 Expansion Module, adding up to 240 additional buttons with a screen based LCD display and LED system.

#### 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 and BroadSoft Broadworks, ensuring excellent compatibility with leading soft switch suppliers.

- Revolutionarily new design
- Yealink Optima HD voice
- Dual-port Gigabit Ethernet
- 4.3" 480 x 272-pixel color display with backlight
- Wi-Fi via WF40
- Bluetooth via BT40
- USB recording
- Up to 16 SIP accounts
- Paper label free design
- PoE support
- Headset, EHS support
- Supports expansion modules
- Stand with 2 adjustable angles
- Wall mountable
- Simple, flexible and secure provisioning options

### Audio Features

- > HD voice: HD handset, HD speaker
- > Codecs: G.722, G.711(A/μ), G.723, 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

- > 16 VoIP accounts
- > Call hold, mute, DND
- > One-touch speed dial, hotline
- > Call forward, call waiting, call transfer
- > Group listening, SMS, emergency call
- > Redial, call return, auto answer
- > 3-way conferencing
- > Direct IP call without SIP proxy
- > Ring tone selection/import/delete
- > Set date time manually or automatically
- > Dial plan, XML Browser, Action URL/URI
- > RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)
- > USB port (2.0 compliant) for:
  - Bluetooth earphone through BT40,
  - Contact synchronization through BT40,
  - Wi-Fi through WF40,
  - USB call recording through USB flash drive
- > Enhanced DSS Key

### 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, voice mail, flexible seating
- > Call park, call pickup
- > Executive and Assistant
- > Centralized call recording
- > Visual voice mail
- > Call recording

### Display and Indicator

- > 4.3" 480 x 272-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
- > Wallpaper
- > Intuitive user interface with icons and soft keys
- > Multilingual user interface
- > Caller ID with name, number and photo
- > Screensaver
- > Power saving

### Feature keys

- > 10 line keys with LED
- > 10 line keys can be programmed up to 27 various features (3-page view)
- > 7 features keys: message, headset, hold, mute, transfer, redial, hands-free speakerphone
- > 4 context-sensitive "soft" keys
- > 6 navigation keys
- > Volume control keys
- > Illuminated mute key
- > Illuminated headset key
- > Illuminated hands-free speakerphone key

### Interface

- > Dual-port Gigabit Ethernet
- > 1 x USB port (2.0 compliant)
- > 1 x RJ9 (4P4C) handset port
- > 1 x RJ9 (4P4C) headset port
- > 1 x RJ12 (6P6C) EXT port:
  - Supports up to 6 Expansion Modules for an attendant console application
- > Power over Ethernet (IEEE 802.3af), class 0

### Other Physical Features

- > Stand with 2 adjustable angles
- > Wall mountable
- > External Yealink AC adapter (optional):
  - AC 100~240V input and DC 5V/2A output
- > Power consumption (PSU): 1.8-4.3W
- > Power consumption (PoE): 2.1-5.3W
- > Dimension (W\*D\*H\*T):
  - 244mm\*213mm\*185mm\*54mm
- > Operating humidity: 10~95%
- > Operating temperature: -10~50°C (+14~122°F)

### Management

- > Configuration: browser/phone/auto-provision
- > Auto provision via FTP/TFTP/HTTP/HTTPS for mass deploy
- > Auto-provision with PnP

- > BroadSoft device management
- > Zero-sp-touch, TR-069
- > Phone lock for personal privacy protection
- > Reset to factory, reboot
- > Package tracing export, system log

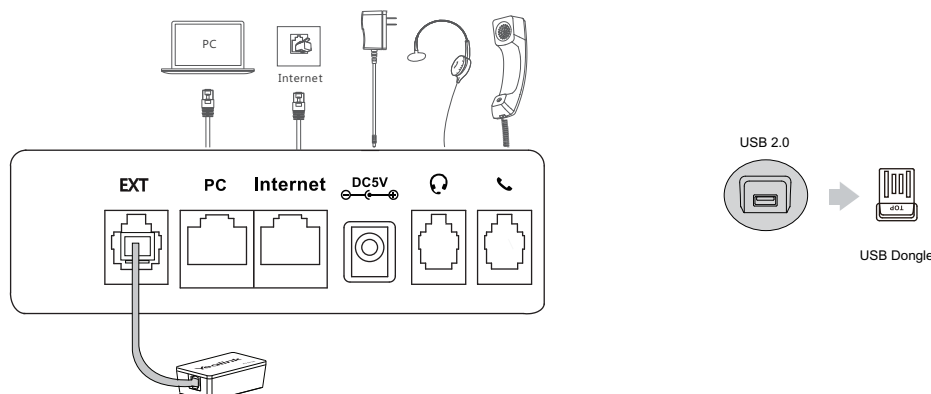
### Network and Security

- > SIP v1 (RFC2543), v2 (RFC3261)
- > Call server redundancy supported
- > NAT traversal: 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
- > LLDP/CDP/DHCP VLAN
- > ICE

### Package Features

- > Package content:
  - Yealink SIP-T46G IP phone
  - Handset with handset cord
  - Ethernet Cable (2m CAT5E FTP Cable)
  - Stand
  - Quick Start Guide
  - Power Adapter (Optional)
- > Qty/CTN: 5 PCS
- > N.W/CTN: 7.6 kg
- > G.W/CTN: 8.4 kg
- > Giftbox size: 274mm\*255mm\*128mm
- > Carton Meas: 660mm\*286mm\*263mm

### Compliance



### Learn More

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

## About Yealink

Yealink (Stock Code: 300628) is a global leading unified communication (UC) terminal solution provider that primarily offers video conferencing systems and voice communication solutions. Founded in 2001, Yealink leverages its independent research and development and innovation to pursue its core mission: "Easy collaboration, high productivity." The company's high-quality UC terminal solutions enhance the work efficiency and competitive advantages of its customers in over 100 countries. Yealink is the world's second-largest SIP phone provider and is number one in the China market.

## Copyright

Copyright © 2017 YEALINK(XIAMEN) NETWORK TECHNOLOGY CO., LTD.

Copyright © 2017 Yealink(Xiamen) Network Technology CO., LTD. All rights reserved. No parts of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, photocopying, recording, or otherwise, for any purpose, without the express written permission of Yealink(Xiamen) Network Technology CO., LTD.

## Technical Support

Visit Yealink WIKI (<http://support.yealink.com/>) for firmware downloads, product documents, FAQ, and more. For better service, we sincerely recommend you to use Yealink Ticketing system (<https://ticket.yealink.com>) to submit all your technical issues.



YEALINK(XIAMEN) NETWORK TECHNOLOGY CO.,LTD.  
Web: [www.yealink.com](http://www.yealink.com)  
Addr: 309, 3th Floor, No.16, Yun Ding North Road,  
Huli District, Xiamen City, Fujian, P.R. China  
Copyright©2017Yealink Inc.All right reserved.