

## Professional Gigabit Phone with Color LCD

SIP-T29G IP Phone is the most advanced model in the Yealink T2x IP terminal series. It has a high-resolution TFT color display, delivers 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

#### New updated and improved model

Yealink's SIP Phones continue to evolve, the function of new SIP-T2 Series has become more abundant, the new user-interface with color display has become more friendlier.

#### HD Audio

Yealink Optima HD Voice refers to the combination of software and hardware design as well as the implementation of wideband technology to maximize 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-T29G 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-T29G 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 Modules, 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.

- 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 (optional)
- Simple, flexible and secure provisioning options

### Audio Features

- > HD voice: HD handset, HD speaker
- > Codecs: AMR-WB (optional), AMR-NB (optional), G.722, G.711(A/μ), G.723, 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
- > Integrated screenshots
- > RTCP-XR, VQ-RTCPXR
- > 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
- > Music on hold
- > Message Waiting Indicator (MWI)
- > Call park, call pickup
- > Intercom, paging
- > Call completion, call recording
- > Flexible seating

- > Executive and Assistant
- > Centralized call recording
- > Visual Voice Mail

### 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
- > Multilingual user interface with icons and soft keys
- > Caller ID with name, number and photo
- > Power saving
- > Screensaver

### Feature keys

- > 10 line keys with LED
- > 10 line keys can be programmed up to 27 various features (3-page view)
- > 8 features keys: message, headset, conference, hold, mute, transfer, redial, hands-free speakerphone
- > 4 context-sensitive "soft" keys
- > 6 navigation keys
- > Volume control keys
- > Illuminated headset 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

- > Color: Black
- > Stand with 2 adjustable angles
- > Wall mountable
- > External Yealink AC adapter (optional): AC 100~240V input and DC 5V/2A output
- > Power consumption (PSU): 1.6-3.9W
- > Power consumption (PoE): 2.1-5.7W
- > 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
- > 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

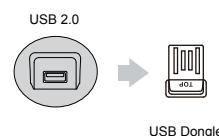
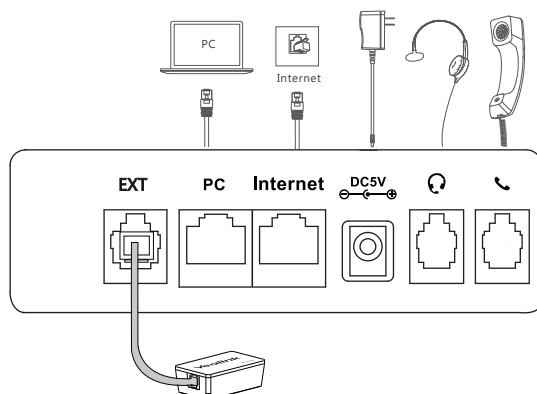
### Network and Security

- > 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
- > OpenVPN, IEEE802.1X
- > IPv6
- > LLDP/CDP/DHCP VLAN
- > ICE

### Package Features

- > Package content:
  - Yealink SIP-T29G IP phone
  - Handset with handset cord
  - Ethernet Cable (1.5m CAT5E UTP Cable)
  - Stand
  - Quick Start Guide
  - Power Adapter (Optional)
- > Qty/CTN: 5 PCS
- > N.W/CTN: 6.6 kg
- > G.W/CTN: 7.4 kg
- > Giftbox size: 295mm\*224mm\*115mm
- > Carton Meas: 602mm\*308mm\*236mm

### 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 is a global leading provider of enterprise communication and collaboration solutions, offering video conferencing service to worldwide enterprises. Focusing on research and development, Yealink also insists on innovation and creation. With the outstanding technical patents of cloud computing, audio, video and image processing technology, Yealink has built up a panoramic collaboration solution of audio and video conferencing by merging its cloud services with a series of endpoints products. As one of the best providers in more than 140 countries and regions including the US, the UK and Australia, Yealink ranks No.1 in the global market share of SIP phone shipments.

## Copyright

Copyright © 2018 YEALINK(XIAMEN) NETWORK TECHNOLOGY CO., LTD.

Copyright © 2018 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: No.1 Ling-Xia North Road, High Tech Park,  
Huli District, Xiamen, Fujian, P.R. China  
Copyright©2018Yealink Inc. All right reserved.