# Yealink

# 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 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-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

> Loal 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, 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

> 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
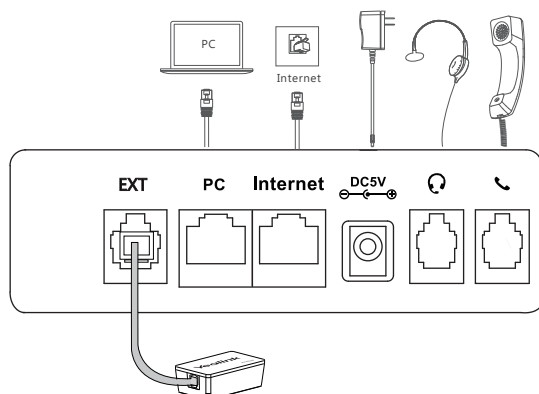> Reset to factory, reboot
> Package tracing export, system log

## 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

CE  FC  RoHS Compliant  REACH  ISO 9001

3CX  Asterisk Compatible  broadsoft

Genesys  metaswitch



## Learn More

To find out how Yealink solutions can help your organization, visit us at www.yealink.com or mail to 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.