

## Professional Gigabit SIP Phone with Colour LCD

The SIP-T29G dual port Gigabit Executive IP phone offers a high resolution TFT colour display and Optima HD technology delivering a rich visual and audio experience along with a very user friendly interface. As well as support for corded and wireless headsets, the SIP-T29G also incorporates a USB port allowing Bluetooth headsets to be connected via the Yealink BT40 Bluetooth dongle and up to 6 expansion modules making this an attractive and feature-rich handset.



### Key Features and Benefits

#### Terminal Enhancement

Yealink's SIP Phones continue to evolve, increasing the number of features available and a more user-friendly colour interface.

#### 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.

#### A Rich Visual Experience For Applications

The SIP-T29G incorporates productivity-enhancing features such as SCA, BLF List, call forward, call transfer, and 3-way conferencing. The 4.3 inch backlit colour display enables rich visual presentation and easier navigation of the menu. Three pages of 8 soft keys are displayed and can be programmed to support various features.

#### Advanced Connectivity and Expandability

For network connectivity, the SIP-T29G has two Gigabit Ethernet ports, and supports Power over Ethernet. The SIP-T29G supports a variety of connectivity devices, including the YHS32 headset, the EHS36 headset adaptor and BT40 Bluetooth dongle. It also supports up to 6 Expansion Modules (EXP39), adding up to 240 additional buttons with a screen based LCD display and LED system.

#### Highly Secure Transport and Interoperability

The SIP-T29G 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
- Dual-port Gigabit Ethernet
- 4.3" 480 x 272-pixel colour display with backlight
- Built-in USB port, supports Bluetooth headset (Through USB Dongle)
- Up to 16 SIP accounts
- Paperless 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: 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

## 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 completion
- Call recording

## Display and Indicator

- 4.3" 480 x 272-pixel colour display with backlight
- 16 bit depth colour
- LED for call and message waiting indication
- Dual-colour (red or green) illuminated LEDs for line status information
- Wallpaper
- Intuitive user interface with icons and soft keys
- National language selection
- Caller ID with name, number and photo

## 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
- Support Bluetooth headset through USB Dongle
- 1xRJ9 (4P4C) handset port
- 1xRJ9 (4P4C) headset port
- 1XRJ12 (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 universal AC adapter (optional): AC 100~240V input and DC 5V/2A output
- Power consumption (PSU): 1.8-5.4W
- Power consumption (PoE): 2.1-8.0W
- Dimension(W\*D\*H\*T):  
244mm\*213mm\*185mm\*54mm
- Operating humidity: 10~95%
- Operating temperature: -10~50°C

## Management

- Configuration: browser/phone/auto-provision
- Auto provision via FTP/TFTP/HTTP/HTTPS for mass deployment
- 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

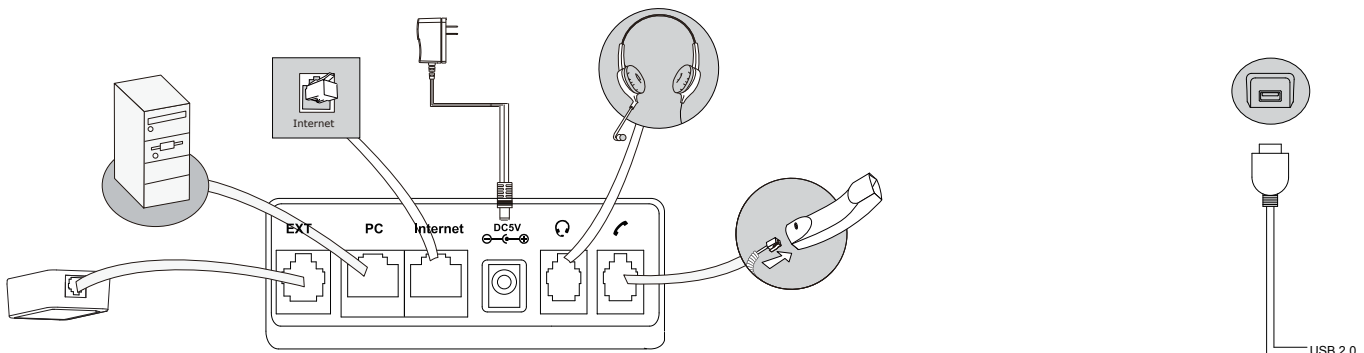
## Network and Security

- SIP v1 (RFC2543), v2 (RFC3261)
- Call server redundancy supported
- NAT transverse: STUN mode
- Proxy mode and peer-to-peer SIP link mode
- IP assignment: static/DHCP/PPPoE
- 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

## Package Features

- Qty/CTN: 5 PCS
- N.W/CTN: 6.5kg
- G.W/CTN: 7.3kg
- Giftbox size: 300mm\*225mm\*118mm
- Carton Meas: 610mm\*310mm\*238mm

## 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)