Key Features and Benefits

**HD Audio**
Yealink Optima HD Voice technology combines cutting-edge hardware and software with wideband technology for maximum acoustic performance. Being a totally open, highly versatile audio codec, Opus, is designed to perform a higher HD audio quality than other wideband codecs in a high network bandwidth; However, if your current network quality is poor, Opus can provide you with a better audio quality than other narrowband codecs. And its hearing aid compatible (HAC) handset helps the person who is with hearing loss to hear the voice more clearly.

**Easy Customization and High Expandability**
The SIP-T46S comes with two Gigabit Ethernet ports, one of which is suitable for Power over Ethernet (PoE). A built-in USB 2.0 port can also be used for Bluetooth, Wi-Fi and USB recording. The SIP-T46S supports up to six expansion models, for up to 240 additional buttons with a screen-based LCD display and LED system. Plus, it has three pages of buttons which can be programmed with up to 27 paperless DSS keys.

**Efficient Installation and Provisioning**
The Yealink T4S series supports efficient provisioning and effortless mass deployment with Yealink’s Redirection and Provisioning Service (RPS) and Boot mechanism to help you realize the Zero Touch Provisioning without any complex manual settings, which makes the T4S series simple to deploy, easy to maintain and upgrade. Furthermore, a unified firmware and auto-p template that applies to all T4S phone models (T41S, T42S, T46S and T48S), saves even more time and costs for businesses, as well as simplifies the management and maintenance.

**Secure Transport and Interoperability**
The SIP-T46S uses SIP over Transport Layer Security (TLS/SSL), which is the latest network security technology. It’s also compatible with leading soft switch suppliers 3CX and Broadsoft Broadworks.
SIP-T46S Specifications

Audio Features
- HD voice: HD handset, HD speaker
- Hearing aid compatible (HAC) handset
- Codecs: Opus*, G.722, G.711(A/µ), 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, AUB, 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
- Smart dialing
- Phonebook search/import/export
- Call history: dialed/received/missed/forwarded

IP-PBX Features
- Busy Lamp Field (BLF)
- Bridge Line Appearance (BLA)
- Anonymous call, anonymous call rejection
- Hot-desking, voice mail
- Flexible seating
- Call park, call pickup
- Executive and Assistant
- Call park, call pickup
- 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
- Caller ID with name and number
- Screen saver
- Power saving

Feature keys
- 10 line keys with LED
- 10 line keys can be programmed up to 27 paperless
- DSS keys (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
- Power over Ethernet (IEEE 802.3af), class 3
- 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

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): 1.9–4.0W
- Power consumption (PoE): 2.7–5.5W
- Dimension (W*D*H*H)*: 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/PPPoE
- 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-sess
- OpenVPN, IEEE802.1X
- IPv6, LLDP/CDP/DHCP VLAN, ICE

Package Features
- Package content:
  - Yealink SIP-T46S IP phone
  - Handset with handset cord
  - Ethernet Cable (2m CAT5E FTP Cable)
  - Stand
  - Quick Start Guide
  - Power Adapter (Optional)
  - Wall Mount Bracket (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
- REACH
- RoHS
- CE
- FCC
- FCC Part 68
- FCC Part 15
- UL60950-1
- UL2601-1
- Broadsoft
- 3CX
- Genesys
- Asterisk

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.

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