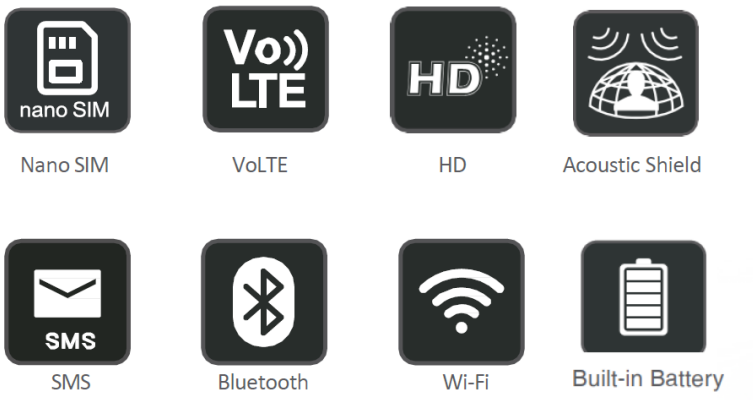
Yealink T74LTE (US) Datasheet

T74LTE (US) 4G Desk Phone

Yealink delivers dynamic business communication solutions for executives and professionals with the new T74LTE (US) phone. The new T7X series is slimmer and sleeker, offering greater interoperability and enhanced collaboration. It has a more business-like appearance and a high-definition TFT color screen, giving users a lifelike visual experience. With built-in Bluetooth 5.0 and dual-band 2.4G/5G Wi-Fi 6 modules, it keeps you updated with the latest technology, ready for the future wireless era.

Based on the Linux 6.1 operating system with a built-in nano SIM card, it requires no extra wiring, and the IMS account can be automatically activated after inserting the card, delivering a simple and efficient deployment method to customers. It has the ability to support various frequency bands such as Band 2, Bands 4, Bands 5, Bands 12, Bands 13, Bands 17, and Bands 66.

The T74LTE (US) incorporates the latest version of Yealink Optimal HD Voice technologies, including Yealink Noise Proof Technology, which provides an enriched HD audio VoLTE calling experience. The high convergence of VoIP and VoLTE creates a technological innovation for cellular data network equipment in the VoIP field, further demonstrating Yealink's leading position.





Key Features and Benefits

- Linux 6.1 OS
- Up to 3-hour talk time (in ideal conditions)
- 4.3-inch (480x272) resolution screen

- Built-in nano SIM slot
- VoLTE calling
- Optimal HD audio, Smart Noise Filtering
- Built-in Bluetooth 5, supports Bluetooth headset
- Built-in dual band 2.4G/5G Wi-Fi
- TEE hardware encryption solution

Convergence of VoIP and VoLTE

Different from traditional smartphones, T74LTE (US) is highly integrated with VoIP and VoLTE technology, enabling you to enjoy the efficient office experience brought by VoIP under the cellular data network. Diversified contacts, rich SIP functions, and advanced PBX functions create a precedent for the highly integrated VoIP and VoLTE under the desktop office.

Enjoy Wireless Freedom

The T74LTE (US) is a desktop phone with a built-in nano SIM card based on the Linux 6.1 operat- ing system, which is simple and efficient to deploy. Since the phone can automatically regis- ter and activate the IMS account after power on, you only need to connect the phone to the power source to enjoy VoLTE calls. Within the signal coverage of 4G base station, T74LTE (US) can be deployed wherever it needs to be used, completely free from the restrictions of wired network and Wi-Fi, so you can enjoy the modern wireless office anywhere, anytime.

Unparalleled Audio

Yealink Optima HD Voice technology combines cutting-edge hardware and software with wideband technology for maximum acoustic performance. It is a totally open, highly versatile audio codec designed to deliver higher HD audio quality than other wideband codecs in a high network bandwidth.

Powerful Scalability

The T74LTE (US) has built-in Bluetooth 5, which not only supports connecting a Bluetooth headset to enjoy mobile calls, but also synchronizes your phone's address book. Meanwhile, the built-in dual-band Wi-Fi is also equipped with a network port. With the wired network, wireless network, and 4G network redundancy backup, T74LTE (US) provides multiple guarantees for your communication, so you can use VoIP communication via wired or Wi-Fi even in an environment where the 4G signal disappears. In addition, the built-in USB 2.0 allows you to enjoy USB call recording through a USB

flash drive or enjoy calls through a USB headset. All of these make your communication easier than ever.

Specifications

Specifications	Description
Audio Features	• HD voice: HD handset, HD speaker • Hearing aid compatible (HAC) handset • Acoustic Shield • Smart Noise Filtering • Audio codec: EVS, Opus, G.722, PCMA, PCMU, G.729, G.729A, G.726, G.723.1, iLBC, AMR, AMR-WB • DTMF: In-band, Out-of-band (RFC 2833) • Full-duplex hands-free speakerphone with AEC • VAD, CNG, AEC, PLC, AJB, AGC
Phone Settings	• 16 accounts(Contains 1 IMS account) • One-touch speed dial, hotline, Intercom • Call forward, call waiting, call transfer • Mute, DND, call hold, redial, call return, auto answer • Group listening • SMS, emergency call (E911) • 6-way conferencing • Ringtone selection/import/delete • Set date and time manually or automatically • Dial plan, XML Browser, Action URL/URI • Built-in dual-band Wi-Fi: - Network standard: IEEE802.11a/b/g/n/ac - Frequency range: 2.4GHz/5.0GHz • Built-in Bluetooth for: - Bluetooth headset,

	- Mobile contacts synchronization • USB port (2.0 compliant) for: - Wired/wireless USB headset - USB call recording through USB flash drive - Export Qlog through USB flash drive • Enhanced DSS key • 100M Ethernet port, can be used as a WAN port & LAN port.
Directory	• Local phonebook up to 1000 entries • Blocklist • XML/LDAP remote phonebook • Phonebook search/import/export • Call history: All records/dialed/received/missed/forwarded calls
IP-PBX Features	• Busy Lamp Field (BLF) • Anonymous call, anonymous call rejection • Voice mail • Flexible seating, Executive and Assistant • Call park, call pickup • Centralized call recording
Display and Indicator	• 4.3-inch (480x272) resolution screen • LED for call and message waiting indication • 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 linekeys with LED keys (up to 50 dsskeys, 5 pages) • 4 touch buttons: message, headset, mute, pagination (mute/headset/ pagination button with indicator light) • 4 function keys: call hold, call transfer, redial, hands-free

	• 2 volume control keys • 6 navigation keys
Interface	• 100M Ethernet port • 1 x USB-A port - USB call recording through USB flash drive - USB headset - Expansion module EXP55, can support up to 3 color screen expansion modules cascaded • Built-in dual band 2.4G/5G Wi-Fi • Built-in Bluetooth • 1 x Security lock port • 1 x RJ9 (4P4C) handset port • 1 x RJ9 (4P4C) headset port
Management	• Configuration: browser/phone/auto-provision • Auto provision via FTP/TFTP/HTTP/HTTPS for mass deploy • Broadsoft device management • Phone lock for personal privacy protection • Reset to factory, reboot • Package tracing export, system log, Qlog
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, Layer 3 ToS DSCP • SRTP for voice • Transport Layer Security (TLS 1.3) • HTTPS certificate manager

	• AES encryption for configuration file (AES256) • Supported authentication mechanisms: MD5/SHA1/ SHA224/SHA256/ SHA384/SHA512 • IPv4/IPv6, LLDP/CDP/DHCP VLAN • WPA2/WPA3 • Linux 6.1 version • TEE hardware encryption solution
Other Physical Features	• Color: Classic Grey • Wall-mount bracket (optional) • External Yealink AC adapter: AC 100-240V input and DC 5V/2A output • Battery: 3000 mAh, Rechargeable Lithium-ion • Battery, 3.76, 10.8Wh • Up to 3-hour talk time (in ideal conditions) • Up to 8-hour standby time (in ideal conditions) • USB output currency: 5V/500mA • Power consumption (PSU): 1.5W-3.5W • Dimension (W x D x H x T): 234 mm x 212 mm x 85 mm x 55mm • Operating humidity: 5 - 90% • Operating temperature: -10 to +45°C (+14 to 113°F) • Storage temperature: -30 to +70°C (-22 to +158°F)
Package Features	• Package content: - Yealink T74LTE(US) phone - Handset with handset cord - Stand - Quick Start Guide - Power Adapter - Ethernet Cable (2m CAT5E UTP Cable) (Optional) - Wall Mount Bracket (Optional) • Qty/CTN: 3 PCS

	• N.W/CTN: 4.038 kg • G.W/CTN: 4.474 kg • Giftbox size: 258 mm x 247 mm x 99 mm • Carton Meas: 515 mm x 254 mm x 274 mm
Compliance	