



Yealink's SIP-T21(P) E2 employs high end construction with an extra-large 132x64-pixel graphical LCD and backlight. Showing a clear 5-line data display, it offers a smooth user experience with increased visual information at a glance, plus HD Voice quality.

The dual 10/100 Mbps network ports with integrated POE makes T21P E2 an ideal choice for extended network use. The T21(P) E2 supports two VoIP accounts, simple, IPv6, OpenVPN and a redundancy server. It also operates with SRTP/ HTTPS/ TLS, 802.1x. A powerful IP solution, the T21(P) E2 maximizes productivity in all office environments.

## Key Features

- Yealink HD Voice
- 132 x 64-pixel graphical LCD with backlight
- Two-port 10/100M Ethernet Switch
- POE support (T21P E2)
- Opus codec support
- Up to 2 SIP accounts
- Headset support
- Wall mountable
- Simple, flexible and secure provisioning options

## Audio Features

- > HD voice: HD handset, HD speaker
- > Wideband codec: Opus, G.722
- > Narrowband codec: G.711(A/μ), 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, AIB, AGC

## Phone Features

- > 2 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
- > Local 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
- > Enhanced DSS Key

## Directory

- > Load 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)
- > Bridged Line Appearance (BLA)
- > Anonymous call, anonymous call rejection
- > Hot-desking, voice mail
- > Flexible seating
- > Call park, call pickup
- > Executive and Assistant
- > Centralized call recording
- > Visual voice mail
- > Call recording

## Display and Indicator

- > 132 x 64-pixel graphical LCD with backlight
- > LED for call and message waiting indication
- > Dual-color (red or green) illuminated LEDs for line status information
- > Intuitive user interface with icons and soft keys
- > Multilingual user interface
- > Caller ID with name and number
- > Power saving

## Feature keys

- > 2 line keys with LED
- > 6 features keys: message, headset, redial, transfer, mute, hands-free speakerphone
- > 6 navigation keys
- > Volume control keys

## Interface

- > 2 x RJ45 10/100M Ethernet ports
- > Power over Ethernet (IEEE 802.3af), class 1 (T21P E2)
- > 1 x RJ9 (4P4C) handset port
- > 1 x RJ9 (4P4C) headset port

## Other Physical Features

- > Wall mountable
- > External Yealink AC adapter:  
AC 100~240V input and DC 5V/600mA output
- > Power consumption (PSU): 0.8-1.4W
- > Power consumption (PoE): 1.3-1.8W (T21P E2)
- > Dimension (W\*D\*H\*mm):  
209 mm\*188 mm\*150 mm\*41 mm
- > 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
- > 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 using MD5/MD5-session
- > OpenVPN, IEEE802.1X
- > IPv6
- > LLDP/CDP/DHCP VLAN
- > ICE

## Package Features

- > Package content:
  - Yealink SIP-T21(P) E2 IP phone
  - Handset with handset cord
  - Ethernet Cable (1.5m CAT5E UTP Cable)
  - Stand
  - Quick Start Guide
  - Power Adapter: T21 E2 (Standard)/T21P E2 (Optional)
- > Qty/CTN: 10 PCS
- > N.W/CTN: 11.7 kg
- > G.W/CTN: 12.5 kg
- > Giftbox size: 215 mm\*200 mm\*118 mm
- > Carton Meas: 615 mm\*436 mm\*208 mm

## Compliance

