

## Entry-level IP phone with 2 Lines & HD voice

Yealink's new SIP-T21(P) E2 takes entry-level IP phones to a level never achieved before. Making full-use of high-quality materials, plus an extra-large 132x64-pixel graphical LCD with backlight showing a clear 5-line data display, it offers a smoother user experience, much more visual information at a glance, plus HD Voice characteristics. Meanwhile, 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, flexible and secure installation options, plus support for IPv6, Open VPN and a redundancy server. It also operates with SRTP/ HTTPS/ TLS, 802.1x. As a very cost-effective and powerful IP solution, the T21(P) E2 maximizes productivity in both small and large office environments.



### Key Features and Benefits

#### HD Audio

Yealink HD voice refers to the combination of software and hardware design as well as the implementation of wideband technology to maximize the acoustic performance. Coupled with advanced acoustic clarity technology such as full duplex, echo cancellation, adaptive jitter buffer, etc, the SIP-T21(P) E2 provides clearer, more lifelike voice communications.

#### Enhanced Call Management

The SIP-T21(P) E2 supports vast productivity- enhancing features such as XML Browser, call park, call pickup, BLF, call forward, call transfer, 3-way conference, which makes it the natural and obvious efficiency tool for today's busy small and large offices environment.

#### Efficient Installation and Provisioning

The Yealink SIP-T21(P) E2 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 it simple to deploy, easy to maintain and upgrade.

#### Highly secure transport and interoperability

The communicator uses SIP over Transport Layer Security (TLS/SSL) to provide service providers with 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 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: AMR-WB (optional), 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, AJB, 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, VQ-RTCPXR
- > 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)
- > 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 2 (T21P E2)
- > 1 x RJ9 (4P4C) handset port
- > 1 x RJ9 (4P4C) headset port

## Other Physical Features

- > Color: Black
- > 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\*T):  
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
- > 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

