

## Entry-Level IP Phone with 2 Lines & HD Voice

Yealink's new SIP-T21P E2 takes entry-level IP phones to a level never achieved before. Making full use of high-quality materials and a 132x64-pixel backlit graphical LCD display showing a clear 5-line data display. It offers a smoother user experience, more visual information at a glance and HD Voice characteristics. Dual 10/100 Mbps network ports with integrated PoE are ideal for extended network use.

The T21P E2 supports two VoIP accounts, simple, flexible and secure installation options, and 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 T21P E2 maximises productivity in both small and large office environments.



### Key Features and Benefits

#### 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.

#### Enhanced Call Management

The SIP-T21P E2 supports a range of productivity-enhancing features such as XML Browser, call park, call pickup, BLF, call forward, call transfer and 3-way conference, which makes it the natural and obvious choice for today's busy small and large office environments.

#### Efficient Installation and Provisioning

Integrated IEEE 802.3af Power-over-Ethernet allows easy deployment with centralised powering and backup. The SIP-T21P E2 support the FTP, TFTP, HTTP, and HTTPS protocols for file provisioning and is configured by default to use Trivial File Transfer Protocol (TFTP), it also supports AES encrypted XML configuration.

#### Highly Secure Transport and Interoperability

The Communicator uses SIP over Transport Layer Security (TLS/SSL) to provide service providers the latest technology for enhanced network security. The range is certified compatible with 3CX, Asterisk and Broadsoft Broadworks, ensuring excellent compatibility with leading soft switch suppliers.

- > Yealink Optima HD Voice
- > 132x64-pixel backlit graphical LCD display
- > Two-port 10/100Mbps Ethernet Switch
- > PoE Support
- > Up to 2 SIP accounts
- > Headset support
- > Wall mountable (optional)
- > Simple, flexible and secure provisioning options
- > Dual colour LED's

## Audio Features

- > HD voice: HD handset, HD speaker
- > Wideband codec: G.722
- > Narrowband codec: 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, 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

## 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
- > Message Waiting Indicator (MWI)
- > Voice mail, call park, call pickup
- > Intercom, paging, music on hold, emergency call
- > Call completion, call recording, hot-desking

## Display and Indicator

- > 132x64-pixel graphical LCD with backlight
- > LED for call and message waiting indication
- > Dual-colour (red or green) illuminated LEDs for line status information
- > Intuitive user interface with icons and soft keys
- > National language selection
- > Caller ID with name, number

## Feature keys

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

## Interface

- > 2xRJ45 10/100M Ethernet ports
- > Power over Ethernet (IEEE 802.3af), class 2
- > 1xRJ9 (4P4C) handset port
- > 1xRJ9 (4P4C) headset port

## Other Physical Features

- > Wall mountable
- > External universal AC adapter (optional)  
AC 100~240V input and DC 5V/600mA output
- > Power consumption (PSU): 1.2-1.9W
- > Power consumption (PoE): 1.8-2.3W
- > Dimension(W\*D\*H\*T):  
209mm\*188mm\*150mm\*41mm
- > Operating humidity: 10~95%
- > Operating temperature: -10~50°C

## Package Features

- > Qty/CTN: 10PCS
- > N.W/CTN: 11.7kg
- > G.W/CTN: 12.5kg
- > Giftbox size: 215mm\*200mm\*118 mm
- > Carton Meas: 615mm\*436mm\*208mm

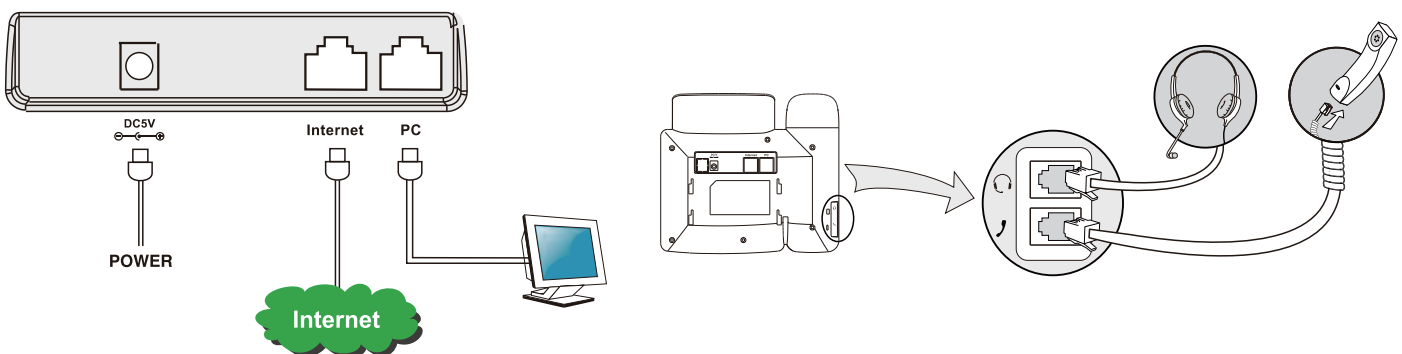
## Management

- > Configuration: browser/phone/auto-provision
- > Auto provision via FTP/TFTP/HTTP/HTTPS for mass deployment
- > Auto-provision with PnP
- > Zero-sp-touch, TR-069
- > Reset to factory, reboot
- > Package tracing export, system log

## Network and Security

- > SIP v1 (RFC2543), v2 (RFC3261)
- > NAT transverse: 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-sess
- > OpenVPN, IEEE802.1X
- > IPv6

## 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 [sales@yealink.co.za](mailto:sales@yealink.co.za)