

# Yealink

EASY VOIP



Yealink 'business class' IP telephones include an impressive set of standard features across the whole T2 series, including HD Voice, PoE, power supply, headset port, handsfree, auto - provisioning and 2 ethernet ports.

**Standard T2 features include:**  
PoE, Power supply, Headset port and Handsfree

## T28P

### Network Features

6 x VoIP User Accounts & 6 Line Keys  
SIP v1(RFC2543), v2(RFC3261)  
NAT Transverse: STUN mode  
Support VLAN, QoS  
IP Assignment: Static/DHCP/PPPoE  
In-Band DTMF, Out-of-Band DTMF,  
SIP Info, Proxy mode and Peer-to-peer  
SIP link mode  
TFTP/DHCP/PPPoE client  
Telnet/HTTP server  
DNS client, NAT/DHCP server

### Voice Features

Wideband Codec: G.722.  
Narrowband Codecs: G.711, G.726,  
G.723.1/iLBC, G.729AB and GSM  
VAD, CNG, AEC, PLC, AJB, AGC  
IP PBX System Integration  
Direct IP call without SIP proxy  
Dial number via SIP server  
Dial URL via SIP server

### Security

Secure RTP  
Secure configuration file via  
AES encryption  
Digest authentication using  
MD5/MD5-sess

### Physical Features

TI Titan Chipset  
Network Interface:  
2xRJ45 10/100M ports  
Integrated PoE support  
320 x 160 pixels graphical LED  
with 4-level greyscales  
XML customisation of screen  
Full-duplex hands-free speakerphone  
16 programmable keys  
Headset port: RJ9

### Config, Upgrade and Usage

Auto-provision: TR069 Optional  
Firmware Upgrade:  
TFTP/Console/Auto provision  
Downloadable enterprise phonebook

### Telephony Features

Call Hold, Call Waiting, Call Transfer,  
Call Forward  
Caller ID, Call List, DND, Redial, Flash,  
3-way Conference, Speed Dial,  
Personal Ring Tone, Voicemail,  
Volume Adjustment, Mute,  
Dial Plan, Dial-now, Paging, Call Park,  
Call Pick-up, Distinctive Ringtone,  
Auto-Answer, Intercom

## T20P



2 x VoIP User Accounts & 2 Line Keys  
2 x 16 Line LCD

## T22P



3 x VoIP User Accounts & 3 Line Keys  
3 programmable keys  
LCD 132 x 64 pixel with white backlit  
display  
Language customization support  
SMS Function

## T26P



3 x VoIP User accounts & 3 Line Keys  
13 programmable keys with LED  
indication  
3 indication LED  
Busy Lamp Field (BLF) Shared Bridged  
Appearance (BLA)  
Expansion Model Support

## EXP38 Expansion Module



38 programmable keys with LED, creates  
up to 228 additional programmable  
extensions when 6 EXT are daisy  
chained.  
Functions for IP PBX - supports speed  
dial, BLF/BLA, intercom, direct pickup,  
group pickup, conference, hold, transfer,  
group, listening, call return, voicemail  
Only compatible with T26p & T28P

# Yealink

EASY VOIP

## VP-2009 'business class' IP video phone

### Video Features

- Touch screen
- 7" digital TFT-LCD with 800 x 480 pixels resolution
- Rotatable CMOS sensor camera with 300K pixels
- Video codec: H.263 and H.264 baseline profile
- Picture codec: JPEG, GIF, PNG, BMP
- Frame rate up to 30fps -resolution of D1 (720x480) or CIF (352x288)
- Bandwidth: 128kbps~1Mbps
- Adaptive bandwidth adjustment

### Video Application

- Full screen
- Picture-in-Picture (PIP)
- Local video control
- Color ring/image
- TV output when video call
- Online/offline advertisement
- Work with IP camera and doorbell

### Network Features

- SIP v1(RFC2543), v2(RFC3261)
- NAT transverse: STUN mode
- IP assignment: static/DHCP/PPPoE
- In-Band DTMF, Out-of-Band DTMF and SIP Info DTMF
- Proxy mode and peer-to-peer SIP link mode
- TFTP/DHCP/PPPoE client
- NAT/DHCP server
- HTTP web server, DNS client
- SNTP, QoS, VLAN (802.1p/Q)

### Voice Features

- Voice codec: G.711, G.723.1, G.729AB, G.722 (wideband)
- VAD,CNG,AEC, PLC,AJB,AGC
- Full-duplex hands-free speakerphone with AEC

### Phone Features

- 4 x VoIP User Accounts
- Video and voice call selection
- Call forward, Call waiting, Call transfer
- Hold, DND, Mute, Auto answer
- Dial plan, Dial-now, Speed dial
- Caller ID display, Call history
- Phonebook, Black list, Group manage
- Volume control, Ring tone selection
- Wall paper, Screen saver, Sleep
- Get date & time manually or automatically
- Icon-driven menu, Multi-language

### Management

- Auto provision via FTP/TFTP/HTTP
- Configuration: browser/phone/auto-provision
- TR069/SNMP protocol optional
- Direct IP call without SIP proxy
- Dial number via SIP server
- Dial URL via SIP server



### Security

- Digest authentication using MD5/MD5-sess
- Secure configuration file via AES encryption
- Admin/user configuration mode

### Physical Features

- TI DaVinci dual-core chipset
- 7" digital TFT-LCD with 800x480 pixels resolution
- Touch screen
- Rotatable CMOS sensor camera with 300K pixels
- 128MB flash and 128MB DDR2 memory
- 27 keys including 4 soft keys
- 6 feature keys: Mute/Camera/Phonebook/Transfer/Redial/Hands-free
- 2xLEDs for power and status indication
- 2xRJ45 Ethernet 10/100M ports
- 1xUSB2.0 port, 1xSD card slot

- 2.5mm headset port
- A/V out: RCA style stereo audio and composite video output
- Power adapter: AC 100~240V input and DC 5V/3A output
- Power over Ethernet (PoE) optional: IEEE 802.3af, Class 0
- Power Consumption – 6-8W Standby
- Net weight: 1.2Kg
- Dimension: 286x89x45mm
- Operating humidity: 10~95%  
Storage temperature: up to 60°C

Note: \* means the features will be done in the future



## T18P 'business class' entry level IP phone

### Physical Features

- TI TITAN chipset
- 20 keys including 2 programmable keys
- 4 feature keys (Mute/Redial/Transfer/Hold)
- 1xLEDs for power and status indication
- 1xRJ45 10/100M Ethernet ports
- Phone label for speed dialing numbers
- Power adapter: AC 100~240V input and DC 5V/1.2A Output
- Power over Ethernet (IEEE 802.3af class 1)

### Voice Features

- Voice Coders: G.711, G.723.1, G.726, G.729AB, G.722
- VAD, CNG, AEC, PLC, AJB, AGC

### Telephony Features

- Supports 1 x VoIP User Account, Direct IP call without SIP proxy, Call Hold, Call Waiting, Call Transfer, Block Anonymous Calls, Hotline, Redial, 2 Speed Dials, Volume Control, Call Mute, Tone scheme, Ringtone Selection (via web), Integrated Voice Response System

### Network Features

- SIP v1(RFC2543), v2(RFC3261)
- NAT transverse: STUN mode
- IP Assignment: Static/DHCP/PPPoE
- In-Band DTMF, Out-of-Band DTMF (RFC2833), SIP Info
- Proxy mode and Peer-to-peer SIP link mode
- TFTP/DHCP/PPPoE client
- DNS client, NAT/DHCP server

### Yealink Certifications

- WEEE Compliant
- ROHS Compliant
- FC
- CE