

## T46GN

Dual port Gigabit Ethernet, Power over Ethernet

4" x 3" TFT-LCD, 16.7M colours, Intuitive user interface

HD Voice: HD Codec, HD speaker, HD handset

16 VoIP accounts, BLF/BLA, IPV6, Open VPN

Supports Bluetooth Headsets



PoE

The T46GN is an elegantly designed IP phone for executives and busy professionals. Its large, crystal clear display gives simple navigation through a wealth of productivity enhancing features.

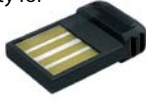
The 10 multi-function keys can be programmed to access 3 pages of 9 features and can be used for accounts, BLFs, system functions or simply for speed dials.

As well as support for corded and wireless headsets, the T46GN also incorporates a USB port allowing Bluetooth headsets to be connected via the Yealink BT40 Bluetooth dongle. Auto provisioning and manual programming follow the same format as the rest of the Yealink range, making life simpler for installers and technicians. The T46GN is certified compatible with 3CX, Asterisk and BroadSoft BroadWorks, making it the ideal choice for busy managers.

# T46GN

## T46GN Accessories

**BT40 Bluetooth Dongle**  
Provides functionality for Bluetooth headsets



**EXP40 Expansion Module**  
Adds 40 more feature keys (2 pages of 20)



**EHS36 Electronic Hookswitch Adapter** Enables support for Plantronics, Jabra and Sennheiser DECT cordless headsets



**YHS32 Headset**  
Lightweight over the-head monaural headset



## Audio Features

HD voice: HD handset, HD speaker  
Wideband codec: G.722  
Narrowband codec: G.711(A/μ), G.723, G.729AB, G.726 and GSM  
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

16 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  
Call history: dialled/received/missed/forwarded  
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

## Directory

Local phonebook up to 1000 entries  
Broadsoft Contacts: Custom/Enterprise/Personal/Common/Search/Speed Dial  
Black list  
XML/LDAP remote phonebook  
Intelligent search method  
Phonebook search/import/export

## IP-PBX and BroadSoft Features

Busy lamp field (BLF), BLF list  
Bridged line appearance(BLA)/SCA  
Anonymous call, Anonymous call rejection  
DND & forward synchronization  
BroadWorks Anywhere

N-Way Calling, Remote Office  
Network Call Logs - Basic  
Broadsoft call centre features  
Message waiting indicator (MWI)  
Voice mail, Call park, Call pickup  
Intercom, paging, Music on hold  
Call completion, Call recording

## Display and Indicator

4.3" 480 x 272-pixel colour display with backlight  
16 bit depth colour  
LED for call and message waiting indication  
Dual-colour (red or green) illuminated LEDs for line status information  
Wallpaper, Theme  
Intuitive user interface with icons and soft keys  
National language selection  
Caller ID with name, number and photo

## Feature keys

10 line keys with LED  
10 line keys can be programmed up to 27 various features (3-page view)  
7 features keys: Message, Headset, Hold, Mute,  
Transfer, Redial, Hands-free speakerphone  
4 context-sensitive "soft" keys  
6 navigation keys  
2 volume control keys  
Illuminated mute key  
Illuminated headset key  
Illuminated hands-free speakerphone key

## Interface

Dual-port Gigabit Ethernet  
Built-in USB port, supports Bluetooth headset  
1xRJ9 (4P4C) handset port  
1xRJ9 (4P4C) headset port  
1XRJ12 (6P6C) EXT port:  
Supports up to 2 Expansion Modules  
Power over Ethernet (IEEE 802.3af), Class 3

## Other Physical Features

Stand with 2 adjustable angles  
Wall mountable (sold separately)  
Power adapter: AC 100~240V input and DC 5V/2A output  
Power consumption (PSU): 1.8W-5.4W  
Dimension(W x D x H x T): 244mm x 213mm x 185mm x 54mm  
Operating humidity: 10~95%  
Storage temperature: -10~50°C




## Management

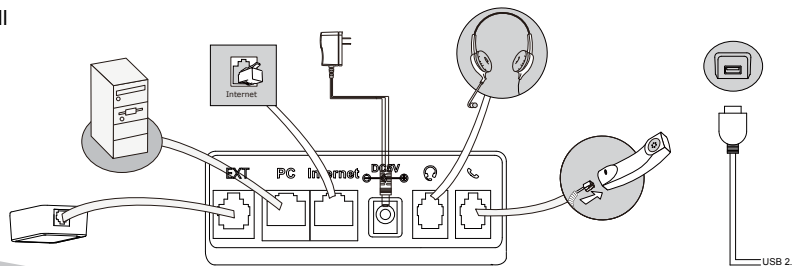
Configuration: browser/phone/auto-provision  
Auto provision via FTP/TFTP/HTTP/HTTPS for mass deployment  
Auto-provision with PnP  
BroadSoft device management  
Zero-sp-touch,  
Provisioning server redundancy supported  
Phone lock for personal privacy protection  
Reset to factory, Reboot  
Package 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/PPPoE  
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-ess  
OpenVPN, IEEE802.1X  
IPv6

## Certifications

 WEEE Compliant  
 ROHS Compliant  
 Hearing Aid Compatible



# Yealink

EASY VoIP

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