

## T48GN

Dual port Gigabit Ethernet, Power over Ethernet

7" 800 x 480-pixel colour touchscreen with backlight

HD Voice: HD Codec, HD speaker, HD handset

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

Supports Bluetooth Headsets



PoE

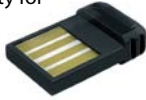
The T48GN is an elegantly designed IP phone for executives and busy professionals. The large, 7" coloured touchscreen provides rich visual presentation and simple navigation through a wealth of productivity enhancing features.

As well as support for corded and wireless headsets, the T48GN 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 T48GN is certified compatible with 3CX, Asterisk and BroadSoft BroadWorks and many more IPPBX and hosted platforms, making it the ideal choice for busy managers.

# T48GN

## T48GN Accessories

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



**EXP40 Expansion Module**  
Adds 40 more feature keys (2 pages of 20). Up to 6 expansion modules can be added.



**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  
Codecs: G.722, G.711(A/μ), G.723.1, G.729AB, G.726, iLBC 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, emergency call  
Redial, call return, auto answer  
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

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

## Display and Indicator

7" 800 x 480-pixel color touch screen with backlight  
24 bit depth colour  
LED for call and message waiting indication  
Wallpaper  
Intuitive user interface with icons and soft keys  
National language selection  
Caller ID with name, number and photo

## Feature keys

29 one-touch DSS keys  
7 features keys: message, headset, hold, mute, transfer, redial, hands-free speakerphone  
6 navigation keys  
Volume control keys  
Illuminated mute key  
Illuminated headset key  
Illuminated hands-free speakerphone key

## Interface

Dual-port Gigabit Ethernet  
Power over Ethernet (IEEE 802.3af), class 3  
Built-in a USB port, support Bluetooth headset (Through USB Dongle)  
1xRJ9 (4P4C) handset port  
1xRJ9 (4P4C) headset port  
1XRJ12 (6P6C) EXT port:  
Supports up to 6 Expansion Modules for a receptionist console application

## Other Physical Features

Wall mountable (optional)  
External universal AC adapter (optional): AC 100~240V input and DC 5V/2A output  
Power consumption (PSU): 2.0-6.4W  
Power consumption (PoE): 2.4-10.5W  
Dimension(W\*D\*H\*T): 266mm\*226mm\*185mm\*54mm  
Operating humidity: 10~95%  
Storage temperature: -10~50°C

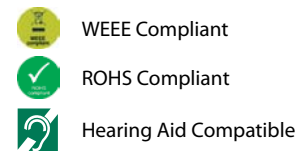
## Management

Configuration: browser/phone/auto-provision  
Auto provision via FTP/TFTP/HTTP/HTTPS for mass 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

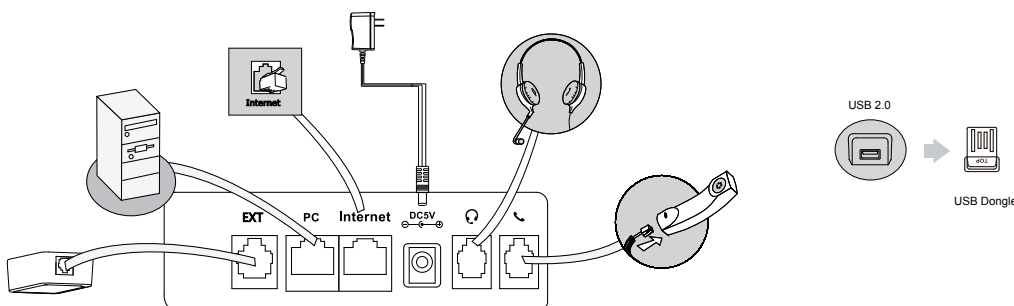
## Network and Security

SIP v1 (RFC2543), v2 (RFC3261)  
Call server redundancy supported  
NAT 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-session  
OpenVPN, IEEE802.1X  
IPv6

## Certifications



...and many more



# Yealink

EASY VoIP