

## T42GN

T42GN Dual-port Gigabit Ethernet

2.7" greyscale graphical backlit LCD

HD Voice: HD Codec, HD speaker, HD handset

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



PoE

The stylish, feature-rich T42GN entry level business phone is ideal for busy professionals. The clear display and simple navigation enhances productivity. The dual-port Gigabit Ethernet telephone benefits from an intuitive interface, BLF's, HD Voice, 3-way conferencing, handsfree speakerphone and supports corded or wireless headset and EHS. With simple, flexible and secure provisioning options, the T42GN is certified compatible with 3CX, Asterisk and BroadSoft BroadWorks, making it the ideal entry level IP phone for businesses.

# T42GN

## T42GN Accessories

**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

6 VoIP accounts  
One-touch speed dial, redial  
Call forward, Call waiting, Call transfer, Call hold  
Call return, Group listening  
Mute, Auto answer, DND, SMS  
Call history: dialled/received/missed/forwarded  
3-way conference call  
Direct IP call without SIP proxy  
Ring tone selection/import/delete  
Hotline, Emergency call  
Set date time manually or automatically  
Dial Plan, XML Browser, Action URL

## 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

2.8" 192x64-pixel 4-level greyscale 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

6 line keys with LED  
6 line keys can be programmed up to 15 various features (3-page view)  
5 features keys: Message, Headset, Mute, 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

T42GN dual-port Gigabit Ethernet  
1xRJ9 (4P4C) handset port  
1xRJ9 (4P4C) headset port  
Power over Ethernet (IEEE 802.3af), Class 2

## Other Physical Features

Stand with 2 adjustable angles  
Wall mountable (sold separately)  
Power adapter: AC 100~240V input and DC 5V/ 1.2A output  
Power consumption:  
Dimensions(W x D x H x T): 212mm x 189mm x 175mm x 54mm  
Operating humidity: 10~95%  
Storage temperature: -10~50°C

## Management

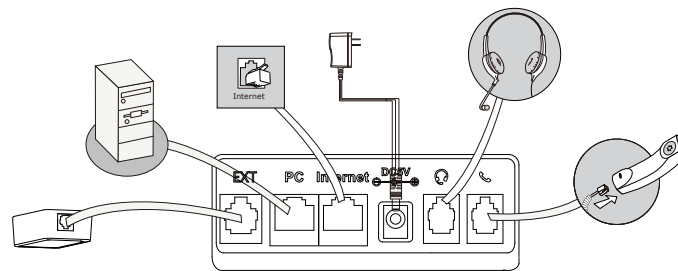
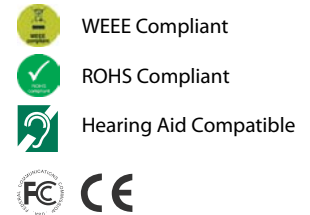
Configuration: browser/phone/auto-provision  
Auto provision via FTP/TFTP/HTTP/HTTPS for mass deployment  
Auto-provision with PnP  
BroadSoft device management  
Zero-sp-touch, TR-069, SNMP  
Provisioning server redundancy supported  
Phone lock for personal privacy protection  
Reset to factory, Reboot  
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-session  
OpenVPN, IEEE802.1X  
IPv6

## Certifications



# Yealink

EASY VoIP