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easy VoIP

T42GN

T42GN Dual-port Gigabit Ethernet
2.7" greyscale graphical backlit LCD
HD Voice: HD Codec, HD speaker, HD handset
3 VoIP accounts, BLF/BLA, IPV6, Open VPN

PoE

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.

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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

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

3 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 apperance (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 3

Other Physical Features

Stand with 2 adjustable angles

Wall mountable

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%
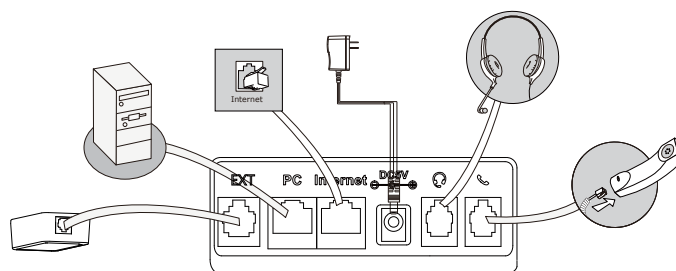
Storage temperature: -10~50°C

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-sess

OpenVPN, IEEE802.1X

IPv6

Certifications

WEEE Compliant

ROHS Compliant

Hearing Aid Compatible

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