

# T42G IP Phone

## Standard and Affordable IP Phone for the Central Station & Business



communicationsolutions

### The T42G IP Phone Advantage

The T42G is a feature-rich IP phone for the central station and business. The 3-Line IP Phone has been designed by pursuing ease of use in even the tiniest details. Delivering a superb sound quality as well as rich visual experience. Programmable Keys.

#### Audio Features

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

#### IP-PBX Features

- Busy Lamp Field (BLF), BLF list
- Bridged Line Appearance (BLA)/SCA
- Anonymous call, anonymous call rejection
- DND & forward synchronization
- N-Way calling, remote office
- Network call logs
- Message Waiting Indicator (MWI)
- Voice mail, call park, call pickup
- Intercom, paging, music on hold
- Call recording, hot-desking

#### Phone Features

- 3 Line or VoIP accounts
- One-touch speed dial, redial
- Call forward, call waiting, call transfer, call hold
- Call return, group listening
- Mute, auto answer, DND
- Call history: dialed/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

#### Phone Features

- 3 Line or VoIP accounts
- One-touch speed dial, redial
- Call forward, call waiting, call transfer, call hold
- Call return, group listening
- Mute, auto answer, DND
- Call history: dialed/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

#### Directory

- Local phonebook up to 1000 entries
- Black list
- XML/LDAP remote phonebook
- Intelligent search method
- Phonebook search/import/export
- Display and Indicator
- 2.7" 192x64-pixel 4-level grayscale Graphical
- LCD with backlight
- LED - call and message waiting indication
- Dual-color (red or green) illuminated LEDs for line status information
- Intuitive interface with icons and soft keys
- National language selection
- Caller ID with name, number
- Stand with 2 adjustable angles
- Wall mountable
- External universal AC adapter (optional)
- AC 100~240V input
- Power consumption (PSU): 1.4W-3.9W
- Dimension (W\*D\*H\*T):
- 212mm\*189mm\*175mm\*54mm
- Operating humidity: 10~95%
- Storage temperature: -10~50°C
- 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

#### Interface

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

#### 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
- 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
- Open VPN, IEEE802.1X
- IPv6

#### Management

- Configuration: browser/phone/auto-provision
- Auto provision via FTP/TFTP/HTTP/HTTPS for mass deploy
- Auto-provision with PnP
- Zero-sp-touch
- Provisioning server redundancy supported



#### Communication Service Solutions

Sales: 1-866-727-4300  
Tel. 580-548-1605  
sales@comservicesolutions.com  
www.comservicesolutions.com