



Tadiran T42G

Gigabit Phone for Business

The Tadiran T42G is a feature-rich SIP phone for business users. This 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, it supports seamless migration to GigE-based network infrastructures. With programmable keys, this phone supports vast productivity-enhancing features, using standard encryption protocols to perform highly secure remote provisioning and software upgrades.

Highlights:

- 2.7" 192x64-pixel graphical LCD with backlight
- LED for call and message waiting indication
- 6 line keys including up to 15 programmable features
- HD Voice: HD Handset, HD Speaker
- 4 context-sensitive "soft" keys
- 5 features keys: message, headset, mute, redial, hands-free speakerphone
- Local phonebook and XML/LDAP remote phonebook
- FTP/TFTP/HTTP/HTTPS/PnP Auto-provisioning
- Dual-color (red or green) illuminated LEDs for line status

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
- 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
- Dial plan, XML Browser, action URL

Additional Features:

- Full support of Aeonix feature set
- Integration with Aeonix applications, including Navigator, Attendant Console, Aeonix Dispatch Console, and Aeonix Contact Center
- Busy Lamp Field (BLF), BLF list
- Intercom, paging, music on hold
- Message Waiting Indicator (MWI)
- Distinctive ringtone
- Anonymous call, anonymous call rejection
- DND & forward synchronization
- N-Way calling, remote office
- Network call logs
- Voice mail, call park, call pickup
- Call recording, hot-desking

Codecs and Voice Features:

- Wideband codec: G.722
- Narrowband codec: G.711, G.723, G.726, G.729AB, GSM
- VAD, CNG, AEC, PLC, AJB, AGC
- Full-duplex hands-free speakerphone with AEC

Management:

- Zero-sp-touch
- Configuration: browser/phone/auto-provisioning
- Provisioning server redundancy supported



Network and Security Features:

- SIP v1 (RFC2543), v2 (RFC3261)
- NAT Traversal: STUN or SBC
- DTMF: In-Band, Out-of-band (RFC2833), and SIP Info
- Proxy mode and peer-to-peer SIP link mode
- IP Assignment: Static/DHCP
- HTTP/HTTPS web server
- UDP/TCP/DNS-SRV (RFC 3263) and IPV6
- Time and date synchronization using SNTP
- AES encryption for configuration file
- OpenVPN, IEEE802.1X
- HTTPS certificate manager
- SRTP (RFC3711) for voice
- Transport Layer Security (TLS)
- QoS: 802.1 pq tagging (VLAN), Layer 3 ToS DSCP
- Digest authentication using MD5/MD5-sess

Physical Features:

- 1xRJ9 (4P4C) handset port / 1xRJ9 (4P4C) headset port
- Dual-port Gigabit Ethernet
- Stand with 2 adjustable angles
- External universal AC Power adapter (optional): AC 100~240V input and DC 5V/1.2A output
- Power over Ethernet (IEEE 802.3af), Class 2
- Power consumption (PSU): 1.4-3.9W
- Wall mountable
- Dimensions (WxDxH mm): 212x189x175
- Operating humidity: 10~95%
- Storage temperature: -10 to 50°C



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