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Tadiran T46G

Executive Gigabit Phone with Color LCD and a Multitude of Professional Features

The Tadiran T46G is a revolutionary SIP Phone for executive users and busy professionals. A new design appearance, with a high resolution TFT color display delivers a rich visual experience. Optima HD technology enables rich, clear, life-like voice communications. It supports Gigabit Ethernet, a variety of device connections, including EHS headset and USB. With programmable keys, this IP Phone supports vast productivity-enhancing features requirements. It also supports key expansion capability for an attendant console application.

Highlights:
- 4.3" 480 x 272-pixel color display with backlight
- 16 bit color bit
- LED for call and message waiting indication
- 10 line keys including up to 27 programmable features
- HD Voice: HD Handset, HD Speaker
- 4 context-sensitive "soft" keys
- 7 features keys: message, headset, hold, mute, redial, transfer, 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:
- 6 VoIP accounts
- One-touch speed dial, hotline
- Call forward, call waiting, call transfer
- Redial, call return, auto answer
- Call hold, mute, DND
- Call history: dialed/received/missed/forwarded
- 3-way conferencing
- 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
- Group listening, SMS, emergency call

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)
- Anonymous call, anonymous call rejection
- DND & forward synchronization
- N-Way calling, remote office
- Network call logs
- Voice mail, call park, call pickup
- Call completion, 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, TR-069, SNMP
- Configuration: browser/phone/auto-provisioning
- Provisioning server redundancy supported

Network and Security Features:
- SIP v1 (RFC2543), v2 (RFC3261)
- NAT Traversal: STUN mode 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/PPPoE
- 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
- EHS and headset
- Dual-port Gigabit Ethernet
- Built-in USB port, supports Bluetooth headset
- Stand with 2 adjustable angles
- External universal AC Power adapter (optional): AC 100~240V input and DC 5V/2A output
- Power over Ethernet (IEEE 802.3af), Class 3
- Power consumption (PSU): 1.8-5.4W
- Wall mountable
- Dimensions (WxDxH mm): 244x213x185
- Operating humidity: 10~95%
- Storage temperature: -10 to 50℃

EXP40 - 40 Key Expansion Module with LCD Display

The EXP40 Expansion Module for the Tadiran T46G expands the functional capability of your SIP phone, bringing it to a whole new level. It features a large graphic LCD. Two pages of 20 flexible buttons are shown on the display, which can be programmed with up to 40 various features, and productivity-enhancing features including BLF/BLA, speed dialing, call forward, transfer, park, pickup, and more.

Features:
- Rich visual experience with 160x320 graphic LCD
- LCD backlight
- 2 independent control keys are used for fast switch pages
- 20 physical keys each with a dual-color LED
- 20 additional keys through page switch
- Programmable with the same feature set as the DSS keys on the phone
- Key contents can be set from the phone GUI, the phone web management, or the Aeonix web management

Specifications:
- 160x320 graphic LCD with 16-level grayscales
- Different icons for each function shown on the LCD
- Expansion module is powered by the host phone

Physical Features:
- Stand with 2 adjustable angles
- 2xRJ12 (6P6C) ports for data in and out
- Wall mountable
- Weight: 290g
- Dimensions (WxDxH mm): 127x213x167
- Operating humidity: 10~95%
- Operating temperature: -10~50℃

About Tadiran:

Tadiran Telecom (TTL) L.P. is a privately held partnership, owned by Afcon Holdings Ltd. and part of the Shlomo Group. It is an established global provider of Unified Communications & Collaboration (UC&C), Contact Center, and Control Room solutions, serving businesses of all sizes, including tier-1 organizations in various market segments in 41 countries worldwide. Tadiran solutions feature a comprehensive family of products including UC platforms, IP PBXs, soft switches, contact centers, Dispatch Console, IP phones and mobility and desktop solutions.

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