# Tadiran T43U

## Feature Rich IP Phone for Clear Communications

Tadiran's T43U is a feature-rich business tool for business managers who require ease of use to enhance daily operations. Designed with built-in programmable keys, this 12-line IP phone guarantees excellent communications.

### Highlights:
- 3.7", 360 x 160 pixel graphical LCD with backlight
- Dual USB Ports and Firmware Images
- Dual port Gigabit Ethernet
- WiFi via WF40/WF50
- USB Headset, wall mountable
- Bluetooth earphone via BT40/BT41
- XML remote phonebook
- Support of Aeonix automatic provisioning mechanism
- Multi Language Support
- Extended SIP Functionality (ESF) provided by Aeonix

### Features:
- Call hold, mute, DND
- One-touch speed dial, hotline
- Redial, call return, auto answer
- Call forward, call waiting, call transfer
- Group listening, SMS, emergency call
- Local 5-way conferencing
- Ring tone selection/import/delete
- Keypad lock, emergency call
- Set date time manually or automatically
- Dial Plan, XML Browser, action URL& action URI
- Integrated  Screenshots
- RTCP-XR (RFC3611)

### Codecs and Voice Features:
- Full-duplex hands-free speakerphone with AEC
- Narrowband Codec: G.711(A/µ), G.729AB, G.726, iLBC
- Wideband Codec: AMR-WB (optional), Opus, G.722
- VAD, CNG, AEC, PLC, AJB, AGC

### Management:
- Configuration:   browser/phone/auto-provision
- Auto provision via FTP/TFTP/HTTP/HTTPS for mass deployment
- Auto-provision with PnP
- Reset to factory, reboot
- Package tracing export, system log
- Zero-sp-touch, TR-069
- Phone lock for personal privacy protection

### Additional Features:
- Busy Lamp Field (BLF)
- Bridged Line Appearance (BLA)
- Anonymous call, anonymous call rejection
- Message Waiting Indicator (MWI)
- Call park, call pickup
- Intercom, paging, music on hold, emergency call
- Paper label-free design
- Stand with two adjustable angles

## Network and Security Features:
- SIP v1 (RFC2543), v2 (RFC3261)
- IPv6
- 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
- IEEE802.1X

## EXP43 Color Expansion Module
- 4.3 inch, 272 x 480 pixels color display with backlight
- 20 physical dual-color LED keys
- 40 additional keys can be added via a page switch
- 3 independent control keys for fast page switching
- Up to 3 EXP43 can be attached to phone

## Physical Features:
- Dual port Gigabit Ethernet
- 8 line keys with LED
- 5 feature keys: message, headset, redial, mute, hands-free speakerphone
- 4 context sensitive soft keys
- 6 navigation keys
- 2 Volume control keys
- Paperless label design
- 1 x RJ9 handset port. 1 x RJ9 headset port
- Wall mountable (optional)
- Power adapter (optional): AC 100~240V input and DC 5V/600mA output
- Power over Ethernet (IEEE 802.3af), Class 2
- Power consumption (PSU): 0.9 – 1.3W
- Dimensions (W*D*H*T): 224.9mm*206.2mm*174.9mm*52mm
- Operating humidity: 10~95%
- Operating temperature: -10~50°C

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