

## Tadiran T21P-E2

### Entry Level IP Phone



Tadiran's new T21P E2 takes entry-level IP phones to a level never achieved before. Making full-use of high-quality materials, plus an extra-large 132x64-pixel graphical LCD with backlight, it offers a smoother user experience, much more visual information at a glance, plus HD Voice characteristics. Dual 10/100 Mbps network ports with integrated PoE are ideal for extended network use. The T21P E2 supports two VoIP account, simple, flexible and secure installation options, plus support for IPv6, Open VPN and a redundancy server. It also operates with SRTP/ HTTPS/ TLS, 802.1x. As a very cost-effective and powerful IP solution, the T21P E2 maximizing productivity in both small and large office environments.

#### Highlights:

- 132 x 64-pixel graphical LCD
- Two VoIP account
- Two-port 10/100 Ethernet Switch, integrated PoE
- Full-duplex speakerphone
- Headset, wall mountable
- XML remote phonebook
- Support of Aeonix automatic provisioning mechanism
- Multi Language Support
- Extended SIP Functionality (ESF) provided by Aeonix

#### Features:

- 2 VoIP account
- 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 3-way conferencing
- Direct IP call without SIP proxy
- 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

#### Codecs and Voice Features:

- Full-duplex hands-free speakerphone with AEC
- Codecs: G.711(A/μ), G.723, G.729AB, G.726
- DTMF: In-band, out-of-band (RFC 2833) and SIP INFO
- 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
- Provisioning server redundancy supported
- Reset to factory, reboot
- Package tracing export, systemlog
- 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)
- Voice mail, call park, call pickup
- Intercom, paging, music on hold, emergency call
- Call completion, call recording, hot-deskin

### 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/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
- IEEE802.1X



### Physical Features:

- 2xRJ45 10/100M Ethernet ports
- 2 line keys with LED
- 6 features keys: message, headset, redial, tran, mute, hands-free speakerphone
- 6 navigation keys
- Volume control keys
- 1xRJ9 handset port
- 1xRJ9 headset port
- Wall mountable
- Power adapter (optional): AC 100~240V input and DC 5V/600mA Output
- Power over Ethernet (IEEE 802.3af)
- Power consumption (PSU): 1.2 - 1.9W
- Dimensions (W\*D\*H\*T): 209mm\*188mm\*150mm\*41mm
- Operating humidity: 10~95%
- Operating temperature: -10~50°C



### 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.

### Visit us at: [www.tadirantele.com](http://www.tadirantele.com)

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