



**CoreIP**  
Technology Pvt. Ltd

## Entry-level IP phone with 2 Lines & HD voice

CoreIP's new SIP-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 showing a clear 5-line data display, 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 accounts, 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 maximizes productivity in both small and large office environments.



### Key Features and Benefits

#### HD Audio

CoreIP HD Voice refers to the combination of software and hardware design as well as the implementation of wideband technology to maximize the acoustic performance. Coupled with advanced acoustic clarity technology such as full duplex, echo cancellation, adaptive jitter buffer etc, the SIP-T21P E2 provides clearer, more lifelike voice communications.

#### Enhanced Call Management

The SIP-T21P E2 supports vast productivity- enhancing feature such as XML Browser, call park, call pickup, BLF, call forward, call transfer, 3-way conference. Which makes it the natural and obvious efficiency tool for today's busy small and large offices environment.

- > CoreIP HD Voice
- > 132 x 64-pixel graphical LCD with backlight
- > Two-port 10/100M Ethernet switch
- > PoE support
- > Up to 2 SIP accounts
- > Headset support
- > Wall mountable
- > Simple, flexible and secure provisioning options



### **Efficient Installation and Provisioning**

Integrated IEEE 802.3af Power-over-Ethernet allows easy deployment with centralized powering and backup. The SIP-T21P E2 supports the FTP, TFTP, HTTP, and HTTPS protocols for file provisioning and is configured by default to use Trivial File Transfer Protocol (TFTP), supports AES encrypted XML configuration file.

### **Highly secure transport and interoperability**

The Communicator uses SIP over Transport Layer Security (TLS/SSL) to provide service providers with the latest technology for enhanced network security. The range is certified compatible with 3CX, Asterisk and Broadsoft Broadworks, ensuring excellent compatibility with leading soft switch suppliers.

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### Audio Features

- > HD voice: HD handset, HD speaker
- > Wideband codec: G.722
- > Narrowband codec: G.711(A/μ), G.729AB, G.726, iLBC
- > DTMF: In-band, Out-of-band (RFC 2833) and SIP INFO
- > Full-duplex hands-free speakerphone with AEC
- > VAD, CNG, AEC, PLC, AJB, AGC

### Phone Features

- > 2 VoIP accounts
- > Call hold, mute, DND
- > One-touch speed dial, hotline
- > Call forward, call waiting, call transfer
- > Group listening, SMS, emergency call
- > Redial, call return, auto answer
- > Local 3-way conferencing
- > Direct IP call without SIP proxy
- > Ring tone selection/import/delete
- > Set date time manually or automatically
- > Dial plan
- > XML Browser   action URL/URI
- > Integrated screenshots
- > RTCP-XR

### Directory

- > Local phonebook up to 1000 entries
- > Black list
- > XML/LDAP remote phonebook
- > Intelligent search method
- > Phonebook search/import/export
- > Call history: dialed/received/missed/forwarded

### IP-PBX 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-desking

### Display and Indicator

- > 132 x 64-pixel graphical LCD with backlight
- > LED for call and message waiting indication
- > Dual-color (red or green) illuminated LEDs for line status information
- > Intuitive user interface with icons and soft keys
- > Multi-language support
- > Caller ID with name, number
- > Wall mountable
- > External universal AC adapter (optional)  
AC 100~240V input and DC 5V/600mA output
- > Power consumption (PSU): 1.2-1.9W
- > Power consumption (PoE): 1.8-2.3W
- > Dimension (W\*D\*H\*T): 209 mm\*188 mm\*150 mm\*41 mm
- > Operating humidity: 10~95%
- > Operating temperature: -10~50°C

### Feature keys

- > 2 line keys with LED
- > 6 feature keys: message, headset, redial, transfer, mute, hands-free speakerphone
- > 6 navigation keys
- > Volume control keys

### Interface

- > 2 x RJ45 10/100M Ethernet ports
- > Power over Ethernet (IEEE 802.3af), class 2
- > 1 x RJ9 (4P4C) handset port
- > 1 x RJ9 (4P4C) headset port

### Package Features

- > Qty/CTN: 10 PCS
- > N.W/CTN: 11.7 kg
- > G.W/CTN: 12.5 kg
- > Giftbox size: 215 mm\*200 mm\*118 mm
- > Carton Meas: 615 mm\*436 mm\*208 mm

### Management

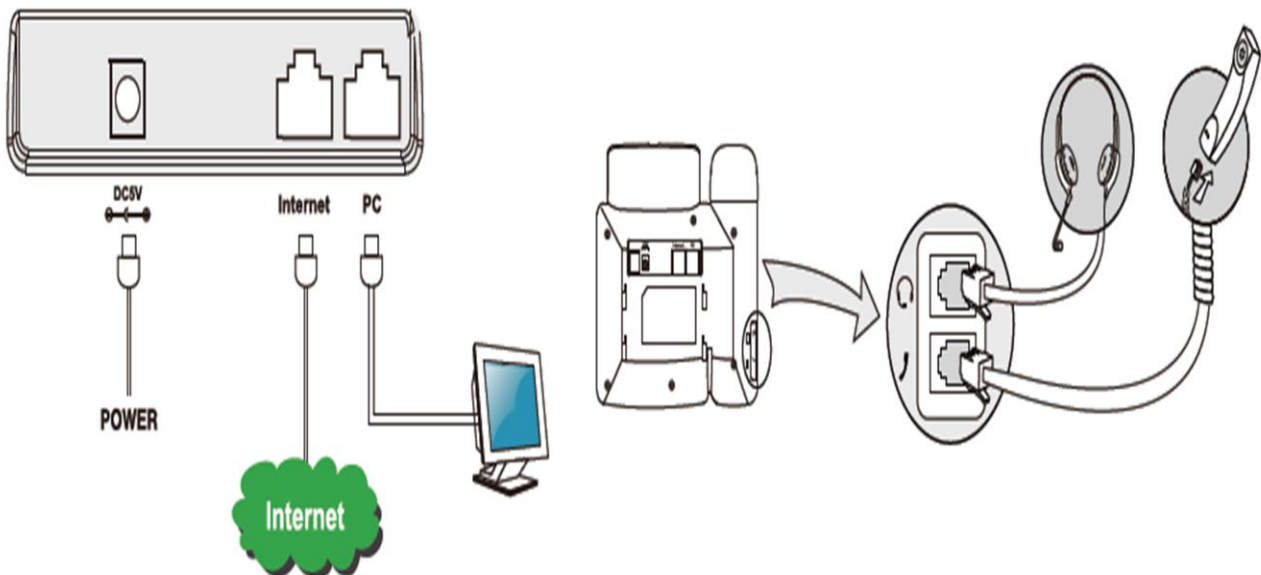
- > Configuration: browser/phone/auto-provision
- > Auto provision via FTP/TFTP/HTTP/HTTPS for mass deploy
- > Auto-provision with PnP
- > Zero-sp-touch, TR-069
- > Reset to factory, reboot
- > Package tracing export, system log

### 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
- > OpenVPN, IEEE802.1X
- > IPv6
- > LLDP/CDP/DHCP VLAN



## PHONE'S BACK PANEL LAYOUT



### To know more

Contact [www.coreip.co.in](http://www.coreip.co.in)

Or

Mail to: [support@coreip.co.in](mailto:support@coreip.co.in)