

## T19P E2

### *Entry-level IP Phone with 1 Line*

The T19P E2 is a perfect entry level IP phone. Offering many features normally associated with more advanced models such as support for PoE, three way conferences, LCD display at an affordable price.

- 132x64-pixel graphical LCD
- Two-port 10/100 Ethernet Switch
- Up to 1 SIP account
- Headset support
- Wall mountable
- Simple, flexible and secure provisioning options



## Audio Features

- Codec: G.722, G.711(A/μ), G.729AB, G.726, iLBC
- DTMF: In-band, Out-of-band(RFC 2833) and SIP NFO
- Full-duplex hands-free speakerphone with AEC
- VAD, CNG, AEC, PLC, AJB, AGC

## Phone Features

- 1 VoIP account
- Call hold, mute, DND
- One-touch speed dial, hotline
- Call forward, call waiting, call transfer
- Redial, call return, auto answer
- Local 3-way conferencing
- Ring tone selection/import/delete
- Set date time manually or automatically
- XML Browser, action URL/URI
- Integrated Screenshots
- RTCP-XR

## Directory

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

## Display and Indicator

- 132x64-pixel graphical LCD
- Intuitive user interface with icons and soft keys
- National language selection
- Caller ID with name, number

## Feature keys

- 6 feature keys: message, headset, redial, transfer, mute,
- hands-free speakerphone
- 5 navigation keys
- Volume control keys

## Interface

- 2xRJ45 10/100M Ethernet ports
- 1xRJ9 (4P4C) handset port
- 1xRJ9 (4P4C) headset port

## Other Physical Features

- Wall mountable
- External universal AC adapter (optional) :  
AC 100~240V input and DC 5V/600mA output
- Power consumption (PSU): 0.9-1.25W
- Power consumption (PoE): 1.2-2.5W
- Dimension(W\*D\*H\*T):  
185mm\*188mm\*143mm\*38mm
- Operating humidity: 10~95%
- Operating temperature: -10~50°C

## 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
- IEEE802.1X
- IPv6