

# TCM-P900M

The TCM-P900M clean telephone is a product specifically designed for pharmaceutical workshops, operating rooms, subway cars, airports, scenic area service centers, elevators, etc. It has 10 digital keys, volume keys, emergency SOS key, and call key to ensure easy and convenient use. Its clean design meets hygiene standards and ensures reliable use in sensitive environments. It provides an emergency call function to ensure immediate contact in critical situations. It provides clear and secure communication services in various scenarios.



## Support 2 SIP Registration



Emergency call, monitoring center, duty room, to achieve efficient one-key call.

## Sturdy Appearance



The cover is made of aluminum alloy, which can effectively resist the impact of hard objects and prevent

## High compatibility

IPPBX system also used for international standard SIP.



## HD Intercom



Built-in 3W high-definition microphone and HD (G.722) high-definition sound speaker, background music amplification.

## Anti-noise Pickup



The built-in microphone effectively filters out ambient noise to ensure clarity

## High Security



Protection class IP65 ensures dust and water resistance and is suitable for harsh environments.



## Phone Features

- 2 SIP lines
- 10 built-in ring tones /upload custom ring tones
- Dial plan
- Multicast,intercom
- One-touchcalling
- blacklist
- Call History: dialed/answered/missed forwarded calls (1200recordsforall)
- Action URL & Action URI

## Audio Features

- High-fidelity sound quality: HD hands-free
- Wide band codec: G.722,
- Narrow band codec: G.711(A/μ), G.723.1,G.729AB,G.726
- DTMF: In-band transmission (In-band), out-of-band transmission (RFC2833),SIPINFO
- Acoustic Echo Cancellation(AEC)
- Voice Activity Detection (VAD)
- Comfort Noise Generation (CNG)
- Packet Loss Compensation (PLC)
- Background Noise Detection (BNE)
- Automatic Gain Control (AGC)
- Dynamic adaptive RTP jitter buffer up to 300ms
- Pickup range: 5 meters

## Configuration and Maintenance

- Web configuration
- Phone configuration
- Automatic Deployment:
  - Support FTP/TFTP/HTTP/HTTPS/SIP
  - PnP / TR-069
- BIN/CFG configuration export/import
- Contact export/import
- CSTA remote control
- Network packet capture and diagnosis
- Reset
- System firmware upgrade

## NetworkFeatures

- SupportIPv4/IPv6/IPv4&IPv6
- IP Address Assignment Mode: StaticIP/DHCP
- Virtual LAN: VLAN
- Data Link Layer Protocol: CDP/LLDP
- SIPv1(RFC2543),v2(RFC3261)
- Supports redundant servers
- ICE
- Support STUN (NAT session traversal)
- Support UDP/TCP/TLS transport
- Support SRTP encryption protocol
- SIP trust server (anti-attackmechanism)
- HTTP/HTTPS
- SNTP automatically synchronizes date and time
- QoS:802.1p/Qtagging(VLAN), Layer3/ToS/DSCP
- HTTPS certificate management
- Configuration file encryption
- Support information verification mechanism
- RTCP-XR, VQ-RTCPXR
- Open VPN,IEEE802.1X

## Phone interface

- 2xRJ-45 10/100M adaptive Ethernet ports (Internet port, bridge port)
- 5V DC power input interface

## Physical Specifications

- Button indicator: the blue light
- 12 numeric symbol keys,
- volume plus or minus key,
- PoE powered
- Shell material: aluminum alloy face shell, iron bottom shell
- Color: silver brushed black sand grain paint
- Installation method-Wall-mounted
- Recessed wall
- Size : 25cm L\*15cm W\*3.97cm H
- Power consumption: 2W
- Working environment humidity:10 ~ 95%
- Working ambient temperature:-10 ~ 50°C (+14 ~ 122°F)

## Outer box

- Packing list:
  - TCM-P900M
  - Quick start guide
  - Weight:0.9kg