

TT-105 Enterprise VoIP Phone

TT-105 IP Phone series is an industrial masterpiece offers superior user experience and simplicity for home and office users with elegant appearance and intelligent software. TT-105 is positioning to be not only a telephone sitting on a user's desktop for communication, but also a nice artwork in your living room or office.



Generic

- 2 SIP Lines
- HD Voice
- POE Enabled/Power Adapter
- Handset (HS) / Hands-free (HF) / Headphone (HP) Model (EHS support for Plantronics headsets)
- Desktop / Wall-mount installation
- Economical and Environmental friendly package
- Industrial Standard Certifications: CE/FCC

Call Features

- Call out / answer / reject
- Mute / unmute (microphone)
- Call Hold / Resume
- Call Waiting
- Intercom
- Caller ID Display
- Call Forwarding (Always/Busy/No Answer)
- Call Transfer (Attended/Unattended)
- Call Parking/Pick-up (depending on server)
- Redial
- Do-Not-Disturb (per line / per phone)
- Auto-Answering (per line)
- Voice Message (on server)
- Local 3-way Conference
- Hot Line

Phone Features

- Intelligent Phonebook (up to 500 entries total)
- Remote Phonebook (XML/LDAP)
- Intelligent Contact Number Filtering
- Call log (100 entries total, in/out/missed)
- Voice Message Waiting Indication (VMWI)
- Network Time Synchronization
- Multi-language support in screen and web UI: English, Chinese(Traditional/Simplified), Japanese, Russian, Italian, Turkish, Germany, Dutch, Spanish, Hebrew, Polish, French etc.

Audio

- HD Voice Microphone/Speaker (Handset/Hands-free, 0~7KHz Frequency Response)
- Wideband ADC/DAC 16KHz Sampling
- Narrowband CODEC: G.711a/u, G.723.1, G.726-32K, G.729AB
- Wideband CODEC: G.722
- Full-duplex Acoustic Echo Canceller (AEC) - Hands-free Mode, 96ms tail-length
- Voice Activity Detection (VAD) / Comfort Noise Generation (CNG) / Background Noise Estimation (BNE) / Noise Reduction (NR)
- Packet Loss Concealment (PLC)
- Dynamic Adaptive Jitter Buffer up to 300ms
- DTMF: In-band, Out-of-Band - DTMF-Relay (RFC2833) / SIP INFO

Networking

- Physical: 10/100Mbps Ethernet, dual bridged port for PC bypass
- IP Configuration: Static / DHCP / PPPoE
- Network Access Control: 802.1x
- VPN: L2TP (Basic Unencrypted) / OpenVPN
- VLAN
- QoS

Protocols

- SIP 2.0 over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- PPPoE
- 802.1x
- L2TP (Basic Unencrypted)
- OpenVPN
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR069

RFCs:

354/1321/1350/1769/1889/1890/2131/2132/2616/2617/2661/283
 3/2976/3261/3262/3263/3264/3265/3268/3311/
 3489/3711/4346/4566/5630/5865

Deployment & Maintenance

- Auto-Provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIP PNP/TR069
- Web Management Portal
- Web-based Packet Dump
- Configuration Backup/Restore
- Auto/Manual Online Software Upgrade
- Syslog

Physical Specifications

- LCD x1: 2.4/2.8 inch (320x240) color-screen LCD
- Keypad: 28 keys, including 4 Soft-keys
 12 Standard Phone Digits keys 5 Navigation keys
 2 Line keys with tri-color LED 4 Function key
 1 Hands-free
- HD Hands-free Speaker (0 ~ 7KHz) x1
- HD Hands-free Microphone (0 ~ 7KHz) x1
- HD Handset (RJ9) x1
- Standard RJ9 Handset Wire x1
- 1.5M CAT5 Ethernet Cable x1
- RJ9 Phone Jacket x2: Handset x1, Headphone x1
- RJ45 Ethernet Jacket x2: Network x1 (802.3AF POE Class 1 Enabled), PC x1 (Bridged to Network)
- Main Chipset: Broadcom
- DC Power Input: 5V/600mA
- Power Consumption: Idle - ~ 1.1W, Peak - ~ 1.8W
- Working Temperature: 0 ~ 40°C
- Working Humidity: 10 ~ 65%
- Dual-Functional Back Rack x1: Desktop Stand / Wall-mount
- Color: Black (K) / White (W) / Red (R) / Blue (B) / Yellow (Y)
- Package Dimensions: 275x215x62mm (W x H x L)

