



PTD4



With a modern, clear design, PTF is a high-end enterprise IP phone for business users who need immediate access to all of their important information. In addition to a 7 inch capacitive touch screen for up to 127 DSS key entries, the telephone also features 20 SIP lines, HD audio with Opus support, built-in Bluetooth, Wi-Fi connectivity (via Wi-Fi dongle) and more!

Phone Features

- 20 SIP lines
- HD audio on speakerphone and handset
- 7 inch capacitive touch screen
- Built-in Bluetooth for connecting Bluetooth headset
- Wi-Fi connectivity (via Wi-Fi dongle)
- Up to 127 DSS keys available at the display
- Video Codec H.264 support for receiving video calls
- Dual Gigabit ports, integrated PoE
- Stand with 2 adjustable angles of 40 and 50 degrees
- Compatible with major platforms: Asterisk, Broadsoft, 3CX, Metaswitch, Elastix, Avaya etc.



Call Features

- Call Out/Answer/Reject
- Mute/Unmute (microphone)
- Call Hold/Resume
- Call Waiting
- Intercom
- Caller ID Display
- Speed Dial
- Anonymous Call (Hide Caller ID)
- Call Forwarding (Always/Busy/No Answer)
- Call Transfer (Attended/Unattended)
- Call Parking/Pick-up (depending on server)
- Redial
- Do-Not-Disturb
- Auto-Answering
- Voice Message (on server)
- 3-way Conference
- Hot Line
- Hot Desking



Physical Specifications

- Main LCD x1: 7.0 inch (800x480) Capacitive touch screen
- Keypad: 26 keys, including
- 5 Function keys (Hold, MWI, Mute, Headset, Redial)
- 4 Navigation Keys
- 1 OK Key
- 1 Return key
- 12 Standard Phone Digits keys
- 2 Volume Control keys, Up/Down
- 1 Hands-free key
- HD Handset (RJ9) x1
- Standard RJ9 Handset Wire x1
- Standard RJ9 Handset Wire x1
- 1.5M CAT5 Ethernet Cable x1
- Back Rack x1
- RJ9 Port x2: Handset x1, Headset x1
- RJ45 Port x2: Network x1, PC x1 (bridged to network)
- USB 2.0 Port x1: Standard A, Connect with Wi-Fi USB Dongle or Flash Driver
- DC Power Input: 5V/2A
- Power Consumption: (Adapter): 2.4~8W
- Working Temperature: 0~45
- Working Humidity: 10~95%
- Installation: Desktop Stand
- Colour: Black
- Device Dimensions
- Desktop Stand (Angles 1): 268 x 185 x 189mm
- Desktop Stand (Angles 2): 268 x 201 x 168mm
- Wall-Mount (Wall bracket to be purchased separately)
- Gift Box Dimensions: 304 x 297 x 66mm
- Outer CTN Dimensions: 616 x 358 x 329mm (10 PCS)

Protocols

- SIP2.0 over UDP/TCP/TLS
- RTP/RTCP/SRTP
- STUN
- DHCP
- IPv6
- LLDP
- PPPoE
- 802.1x
- L2TP
- OpenVPN
- SNTP
- FTP/TFTP
- HTTP/HTTPS
- TR-069

Generic

- 20 SIP Lines
- HD Voice
- Support Receiving Video Call
- POE Enabled
- 7" Captive Touch Screen
- Handset/Hands-Free/Headset Mode
- Intelligent DSS Keys
- Optional External Power Supply

Networking

- Physical: 10/100/1000Mbps Ethernet, Dual Bridged Port for PC Bypass
- IP Mode: IPv4/IPv6/IPv4&IPv6
- IP Configuration: Static / DHCP / PPPoE
- Network Access Control: 802.1x
- VPN: L2TP / OpenVPN
- VLAN
- LLDP
- QoS
- RTCP-XR(RFC3611), VQ-RTCPXR(RFC6035)

Deployment & Maintenance

- Auto-Provisioning via FTP/TFTP/HTTP/HTTPS/DHCP OPT66/SIP PnP/TR-069
- Web Management Portal
- Web-Based Packet-Dump
- Configuration Export/Import
- Phonebook Import/Export
- Firmware Upgrade
- Syslog

Audio

- HD Voice Microphone/Speaker (Handset/Hands-Free, 0 ~ 7KHz Frequency Response)
- HAC Handset
- Wideband ADC/DAC 16KHz Sampling
- Narrowband Codec: G.711a/u, G.723.1, G.726-32K, G.729A/B, AMR, iLBC
- Wideband Codec: G.722, AMR-WB, Opus
- Full-Duplex Acoustic Echo Canceller (AEC)
- Voice Activity Detection (VAD)/Comfort Noise Generation (CNG)/Background Noise Estimation (BNE)/Noise Reduction (NR) Automatic Gain Control (AGC)
- Packet Loss Concealment (PLC)
- Dynamic Adaptive Jitter Buffer up to 300ms
- DTMF: In-Band, Out-of-Band – DTMF-Relay (RFC2833) SIP INFO

* The above specifications may be updated in the future without prior notice. All Hardware, Software & Physical features should be based on the final shipped product.