A Revolutionary SIP Phone with a 7-inch Touch Screen

The T48S IP Phone is a dynamic business communications solution for executives, attendants and professionals. This phone offers a large touch screen that makes switching between pages and applications swift, easy and convenient. The T48S has unparalleled audio clarity. Phone users will think they are sitting in the same room with one another. The phone employs Gigabit Ethernet technology for rapid call handling. Plus, using our optional Bluetooth USB Dongle and Wi-Fi USB Dongle, the phone can be configured for using a Bluetooth headset or as a WIFI device.

7" Touch Screen	HD	IPitomy Integrated	Firmware	USB	HAC
7-inch Touch Screen	Optima HD Voice	IPitomy Integrated Provisioning	Unified Firmware	USB 2.0	HAC

Key Features and Benefits

HD Audio

HD Voice technology combines cutting-edge hardware and software with wideband technology for maximum acoustic performance. The T48 comes with a hearing aid compatible (HAC) handset.

Easy Customization and High Expandability

The SIP-T48S has a seven-inch, 800 x 480-pixel, backlit- color touch screen, which enables a rich visual presentation and easy easy navigation. A built-in USB 2.0 port can also be used for Bluetooth, Wi-Fi and USB call recording. The phone supports up to six expansion modules, for up to 240 additional buttons with a screen-based LCD display and LED system. Plus, it has 29 one-touch DSS keys which can be programmed to various features.

Efficient Installation and Provisioning

The T48 supports efficient provisioning and effortless mass deployment with IPitomy's auto discovery and provisioning features which makes deploying and servicing for moves, adds and changes simple. With the phone integration included in the PBX, remote access and changes are easy. Adding new phones and modifying buttons and features can be accomplished remotely.

Compatible with all IPitomy Systems

All IPitomy Systems can upgrade the software to include auto discovery and provisioning for the T48 phones as well as all T2 and T4 series phones.

- 7" 800 x 480-pixel color touch screen with backlight
- Opus* codec support
- USB 2.0
- Auto-Discovery/Provisioning
- Up to 16 SIP accounts
- Dual-port Gigabit Ethernet
- PoE support
- Paperless label design
- Optional Headset, EHS support
- Optional Wi-Fi via WF40
- Optional Bluetooth via BT40
- USB recording
- Supports expansion modules
- Stand with two adjustable angles
- Wall mountable

Audio Features

> HD voice: HD handset, HD speaker
> Hearing aid compatible (HAC) handset
> Codecs: G.722, G.711(A/μ), G.723.1, 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

> 16 VoIP accounts
> Call hold, mute, DND
> One-touch speed dial, hotline
> Call forward, call waiting, call transfer
> Group listening, emergency call
> Redial, call return, auto answer
> 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
> RTCP-XR (RFC3611), VQ-RTCPXR (RFC6035)
> USB port (2.0 compliant) for:
   Bluetooth headset through BT40,
   Wi-Fi through WF40,
   USB call recording through USB flash drive
> Enhanced DSS key

Directory

> Loal phonebook up to 1000 entries
> Black list
> XML/LDAP remote phonebook
> Smart dialing
> Phonebook search/import/export
> Call history: dialed/received/missed/forwarded

IP-PBX Features

> Busy Lamp Field (BLF)
> Anonymous call, anonymous call rejection
> Voice mail
> Flexible seating
> Call park, call pickup
> Executive and Assistant
> Centralized call recording
> Visual voice mail
> Call recording

Display and Indicator

> 7" 800 x 480-pixel color touch screen with backlight
> 24 bit depth color
> LED for call and message waiting indication
> Wallpaper
> Intuitive user interface with icons and soft keys
> Multilingual user interface
> Caller ID with name, number and photo
> Screensaver
> Power saving

Feature keys

> 29 one-touch DSS keys
> 7 features keys: message, headset, hold, mute, transfer, redial, hands-free speakerphone
> 6 navigation keys
> Volume control keys
> Illuminated mute key
> Illuminated headset key
> Illuminated hands-free speakerphone key

Interface

> Dual-port Gigabit Ethernet
> Power over Ethernet (IEEE 802.3af), class 3
> 1 x USB port (2.0 compliant)
> 1 x RJ9 (4P4C) handset port
> 1 x RJ9 (4P4C) headset port
> 1 x RJ12 (6P6C) EXT port:
   Supports up to 6 Expansion Modules for an attendant console application

Other Physical Features

> Wall mountable (optional)
> External AC adapter (optional): AC 100~240V input and DC 5V/2A output
> Power consumption (PSU): 2.23-7.29W
> Power consumption (PoE): 3.19-10.78W
> Dimension (W*D*H*T): 266mm*226mm*185mm*54mm
> Operating humidity: 10~95%
> Operating temperature: -10~50°C

Management

> Configuration: browser/phone/auto-provision
> Auto provision via FTP/TFTP/HTTP/HTTPS for mass deployment

> IPitomy Provisioning Integration
> Phone lock for personal privacy protection
> Reset to factory, reboot
> Packet tracing export, system log

Network and Security

> SIP v1 (RFC2543), v2 (RFC3261)
> Call server redundancy supported
> NAT traversal: STUN mode
> Proxy mode and peer-to-peer SIP link mode
> IP assignment: static/DHCP/PPPoE
> 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
> ICE

Package Features

> Package content:
 - T48S IP phone
 - Handset with handset cord
 - Ethernet Cable (2m CAT5E FTP Cable)
 - Stand
 - Quick Start Guide
 - Power Adapter (Optional)
 - Wall Mount Bracket (Optional)
> Qty/CTN: 5 PCS
> N.W/CTN: 8.2 kg
> G.W/CTN: 9.0 kg
> Box size: 324mm*263mm*128mm
> Carton Meas: 660mm*338mm*273mm

Compliance

CE FC RoHS REACH ISO 9001