TSG & JITC Certified SIP Phones

Tone Commander 7810-TSG TSG-6 SIP Phone, AS-SIP, 10 Lines with PoE.

This SIP Phone is for deployment in SCIF (Sensitive Compartmented Information Facility) and SAPF (Special Access Program Facility) secure areas. Certified by the Committee on National Security Systems (CNSS), Tone Commander TSG-6 on-hook secure IP phones are designed to work with all VoIP platforms that support industry-standard SIP protocol.

Overview

Tone Commander TSG-6 IP phones meet the stringent requirements specified in the CNSS (Committee on National Security Systems) Instruction No. 5000 and 5001. They have been tested for compliance and approved by the National Telecommunications Security Working Group. TSG-6 Class A versions are not dependent on any other equipment for on-hook security. They may be used in standalone applications within a secure area. The Class B version must be connected to an Ethernet switch collocated within the SCIF.

To meet TSG requirements, special positive-disconnect circuitry and ultra-low-emissions technology ensures that no microphonic audio signals are produced on any wires leaving the phone when it's on-hook.

It is designed for universal SIP compliance and has been certified on Tone Commander, Redcom, NEC, Genband, Unify, and Avaya platforms, and field tested on Cisco, Asterisk, and Broadsoft platforms.

Tone Commander TSG-6 products meet the requirements of the Intelligence Community Technical Specification ICD/ICS 705 for Sensitive Compartmented Information Facilities (SCIF), prepared by the National Counterintelligence Executive, which replaced DCID 6/9.

Department of Defense (DoD) Unified Capabilities (UC) Approved Products List (APL) approval of Tone Commander 7810 TSG-6 IP Phones as voice only, non-secure Assured Services Session Initiation Protocol (AS-SIP) End

Features

- **Large Graphic Display** - High resolution 320 x 240 pixel LCD.
- **SIP and AS-SIP** - IETF RFC 3261 compliant SIP and Certified Assured Services SIP End Instrument (AEI) with MLPP (Multilevel Precedence and Preemption).
- **Highly Secure** - Secure Real-time Transport Protocol (SRTP), Transport Layer Security (TLS), Hypertext Transfer Protocol Secure (HTTPS) and digitally signed tamper-proof firmware.
- **TSG-6 Class A and B** - Positive metallic disconnect for on-hook audio security. TSG-6 Class A for direct on-hook security and Class B for connection to an Ethernet switch collocated within the SCIF.
- **Easy Ethernet Connectivity** - Switched 10/100 ethernet port enable PC connectivity. Power over Ethernet & local power according to 802.3af.
- **Multi-Function Keys** - Ten (10) desi-less programmable multi-function line or feature keys. "Desi-less means designations are available on the LCD for customization. Optional 30-button Expansion Module.
- **Easy Install** - Desk or wall mount enclosure with dedicated headset port with headset control key. Automated provisioning.
- **Auto Provisioning** - Mass secure provisioning using HTTPS.
- **Fully Compliant** - Listed on the DoD Approved Products List (APL). IPv4/IPv6 Dual Stack with AES-128 secure RTP voice encryption and Secure TLS signaling encryption. CNSS 5001 compliant.
- **Handset and Headset Options *NEW*** - Standard and Push-to-Talk Handset Options available. An extra headset

Instruments (AEI) has been granted under Tracking Number (TN) 1310601.

>>View the most current JITC I/O Certification Document (/certifications/Patton_Tone_Commander_AEI-Voice_vXX-JITC.pdf)

Model Types and Options:

7810PoE-TSGB

- ➢TSG-6 Class: B
- ➢802.3af PoE: Midspan or Endpoint
- ➢PoE Security Reset Switch: No
- ➢Local Power: Optional
- ➢Switched Ethernet PC Port: Yes

7810PoE-TSGA

- ➢TSG-6 Class: A
- ➢802.3af PoE: Endpoint Only
- ➢PoE Security Reset Switch: Yes
- ➢Local Power: Optional
- ➢Switched Ethernet PC Port: Yes

8030X Button Expansion Module

This option adds 30 multifunction keys to the IP Phone 7810. The additional multifunction keys can be set up as Call Appearance keys, speed dial keys, Direct Station Select keys, or Feature Activator keys. All multifunction keys have both red and green lamp indicators for easy status viewing. This module is ideal for answering positions and high-density key applications.

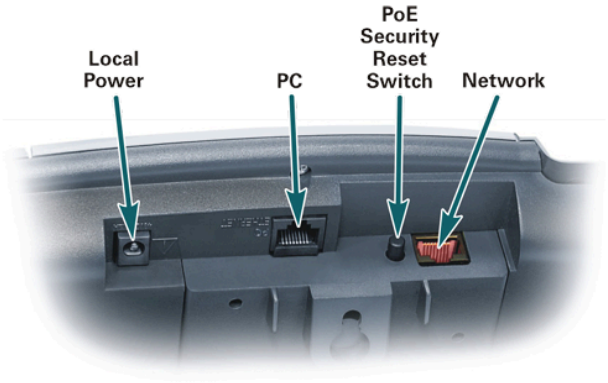
Only one 8030X per telephone is supported.

Local Direct Power Option -PWR1

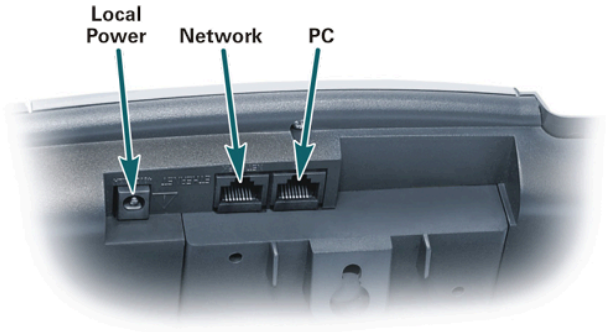
The –PWR1 Power Supply option provides local power for 7810PoE-TSGA and 7810PoE-TSGB models when Power over Ethernet is not available.

port allows use of standard compatible headsets.

- **Made in USA** - Designed, developed, and fully manufactured in the USA ensuring source and origin security.



7810PoE-TSGA



7810PoE-TSGB

L.T.E. POWER SUPPLY
MADE IN CHINA

Ordering

#	Model #	Description	Availability
1	1010296401	Tone Commander 7810PoE-TSGA, TSG-6 Class A, IP Phone, AS-SIP, 10 Lines, PoE, Switched PC Port. US Made.	General Availability
		+ Accessories	
2	1010296501	Tone Commander 7810PoE-TSGB, TSG-6 Class B, IP Phone, AS-SIP, 10 Lines, PoE, Switched PC Port. US Made.	General Availability
		+ Accessories	
3	1010297401	Tone Commander 7810PoE-TSGA, TSG-6 Class A, IP Phone with Push-to-Talk Handset, AS-SIP, 10 Lines, PoE, Switched PC Port. US Made.	General Availability
		+ Accessories	
4	1010297501	Tone Commander 7810PoE-TSGB, TSG-6 Class B, IP Phone with Push-to-Talk Handset, AS-SIP, 10 Lines, PoE, Switched PC Port. US Made.	General Availability
		+ Accessories	
5	1010303901	Tone Commander 8030X, 30-Button Expansion Module. US Made.	General Availability