

TEMPEST Cisco IP Phone DTD-7962-T2

VoIP Telephony for Fiber Networks with TSG* Security feature



The DTD-7962-T2 is the TEMPEST version of the DTD-7962-TSG-01 CNSS ("TSG") 5001 Class A certified VoIP telephone. The Cisco 7962G Unified IP Phone and is a full-featured, IPv6, SCCP and SIP capable IP phone. It provides six programmable backlit line/feature buttons and four interactive soft keys that guide a user through call features and functions, and audio controls. A CNSS 5001 defined Positive Disconnect feature is added for on-hook security which and provides a clear illuminated indication of when the phone audio is active. The DTD-7962-T2 comes standard with a 100MB SC Fiber Ethernet LAN and PC ports to mirror the functional capability of the OEM commercial version from Cisco. A custom molded housing makes the phone aesthetically pleasing and suitable for Executive applications. A push-to-talk handset and a headset are available as options. Speakerphone capabilities are removed from the phone.

CTP II certified to meet the following TEMPEST standards:

- NSTISSAM 1-92 Level I
- NATO SDIP-27 Level A

**Non-TEMPEST version TSG approval # CNSS-A-06-2009*

Specifications and Features

(1) DB9 Headset Port - A dedicated headset port eliminates the need for a separate amplifier when using the optional headset. This feature allows the handset to remain in its cradle, making headset use simpler.

Volume Control - The convenient Volume Control button on the phone provides for easy decibel-level adjustments for the handset, headset, and ringer. The handset is hearing aid-compatible (HAC).

LAN & PC Ports - An internal 2-port Cisco Ethernet switch allows for a direct connection to a 100MB Ethernet network through an SC Fiber interface for single LAN connectivity for both the phone and a co-located PC via 100MB SC fiber as well. The system administrator can designate separate VLANs (802.1Q) for the PC and Cisco Unified IP phones, providing improved security and reliability of voice and data traffic.

ADA Compliant - A HAC handset (meets ADA requirements) is available, as well as HAC compliance for magnetic coupling to approved HAC hearing aids. The dial pad is also ADA-compliant.

Signaling Protocol & Codec Support - The phone offers Skinny Client Control Protocol (SCCP), SIP, and G.711a, G.711μ, G.729a, G.729ab, G.722, and iLBC audio compression codecs are supported.

Quality of Service (QoS) Options - The phone supports differentiated services code point (DSCP) and 802.1Q/p standards.

Security - The phone supports manufacturing-installed digital certificates, device authentication, and encryption.

Language Support - Support for more than 30 languages is built-in (depends on Cisco Unified CallManager software version).

Configuration Options - IP address assignment can be statically configured or configured through DHCP.

Voice Quality - Comfort-noise generation and voice activity detection (VAD) programming are performed on a system basis.

Dimensions (H x W x D) 7.5" x 10.5" x 7.5" (19cm x 27cm x 19cm)

Weight 4.7 lbs (2.1 KG)

Power 100-240V, 0.5amp, 50 watts

Warranty is one year, parts and labor

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Attractive packaging



Rear panel I/O with optional PC port



Positive disconnect button disables all audio for "TSG" defined on-hook security