



# TEMPEST Level I Cisco® IP Phone 7962G

**Product Data**  
Model - DNT-502 (Level I)

## Description

API's TEMPEST Cisco® IP Phone 7962G is a full-featured IP phone and handset designed for wideband audio. It is intended to meet the needs of managers and administrative assistants. It has six programmable backlit line/feature buttons and four interactive soft keys that guide you through all call features and functions. The phone has a large, 4-bit grayscale graphical LCD that provides features such as date and time, calling party name, calling party number, digits dialed, and presence information. The crisp graphic capability of the display allows for the inclusion of higher value, more visibly rich Extensible Markup Language (XML) applications, and support for localization requiring double-byte Unicode encoding for fonts. A handset designed for hi-fidelity wideband audio is standard, as is an integrated Ethernet switch. Optional upgrades are available for National Telecom Security Workgroup compliance.

## Features

- Certified to NSTISSAM TEMPEST/1-92 Level I and NATO SDIP-27 A standard (formerly AMSSG 720B)
- Signaling Protocol: Skinny Client Control Protocol (SCCP) and Session Initiation Protocol (SIP) with Cisco call control
- Wideband Audio: Support for wideband (G.722 codec, adherence to TIA 920), including handset
- Codec Support: G.711a, G.711 $\mu$ , G.729a, G.729ab, G.722, and iLBC audio compression codecs are supported
- Security: Positive device identity through X.509v3 Certificates, digitally signed images, cryptographically secure provisioning, and secure signaling and secure media with AES-128. The phone also contains an 802.1X supplicant and supports EAPOL pass-through
- Available in TEMPEST, TEMPEST NTSWG (CNSSI-5001)





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**Specifications**  
Model - DNT-502 (Level I)

### Display

5-inch (12.5 cm), high-resolution (320 x 222), graphical monochrome 4-bit grayscale display

### Wideband Audio

Support for wideband (G.722 codec, adherence to TIA 920), including handset

### Codec Support

G.711a, G.711μ, G.729a, G.729ab, G.722, and iLBC audio compression codecs are supported

### Directories Key

Ready access to missed, received or placed calls (plus intercom history and directories). Corporate directory integrates with the Lightweight Directory Access Protocol Version 3 (LDAP3) standard directory

### Ethernet Switch

Internal 2-port Cisco Ethernet switch allows for a direct connection to a 100BASE-FX Ethernet network through an SC interface with single LAN connectivity for both the phone and a collocated PC. System administrator can designate separate VLANs (802.1Q) for the PC and phone

### Security

Positive device identity through X.509v3 Certificates, digitally signed images, cryptographically secure provisioning, and secure signaling and secure media with AES-128. The phone also contains an 802.1X supplicant and supports EAPOl pass-through.

### Physical Dimensions

H x W x D - ..... 8.2 x 10.5 x 6 in. (20.32 x 26.67 x 15.24 cm)  
Weight ..... 3.5 lb (1.6 kg)

### Power

48VDC is required; it can be supplied locally at the desktop using an AC-to-DC power supply. Local power options require a corresponding AC country cord

### Phone Software Requirements

Supported in 8.3(2) and greater

### Operating Environment

Operating Temperature ..... 32 to 104°F (0 to 40°C)  
Relative Humidity ..... 10% to 95% (noncondensing)  
Storage Temperature ..... 14 to 140°F (-10 to 60°C)

### Warranty

1-year on parts and labor

Advanced Programs, Inc. is an NSA-endorsed test services facility and an NSA-endorsed TEMPEST manufacturing facility.

Technical Specifications are subject to change without notice. U.S.A. export controls apply to these products.

E & OE - 11/30/10



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