



TEMPEST Level I Cisco® IP Phone 7985G

Product Data

Model - DNT-501 (Level I)

Description

API's TEMPEST Cisco® IP Phone 7985G is a personal desktop video phone making instant, face-to-face communication possible. The Cisco IP Phone has all the components to enable a video call -- camera, LCD screen, speaker, keypad, and a handset incorporated into one easy to use unit. Call features include call forward, transfer, conference and hold are available with video and are initiated through the IP phone. In addition to the the four Directories, Services, Setting and Message buttons, the Cisco IP Phone 7985G has five buttons to control video features. The phone offers direct access to voicemail; identifies incoming messages and categorizes them on the screen, allows quick return calls using direct dial-back capability. The settings feature key allow adjustable display contrast, select background images and a large number of ringer sounds. Allows quick access to information such as weather, stocks or any Web-based information using Extensible Markup Language (XML). The internal Ethernet switch allows for a direct connection to a two integrated 100Mb ethernet LAN connection. The Self View button switches the video image from incoming to outgoing video. PIP displays a smaller picture of the outgoing video. When the Video Mute button is active the video phone does not send out the user's video image. With the display button all information displayed on the phone screen-soft-key labels,lines and call information can be removed and the video image can be set to full-screen view.

Features

- Certified to NSTISSAM TEMPEST/1-92 Level I and NATO SDIP-27 A standard (formerly AMSS 720B)
- Signaling Protocol: Skinny client Protocol (SCCP)
- Performance: Up to 768-kbps IP
- Video Standards: H.261, H.263, H.263+ and H.264
- Frame Rates:
 - Up 30 frames per second using H.263 when using 256 kbps or more for video
 - Up 30 frames per second using H.264 when using 128 kbps or more for video
- Available in TEMPEST, TEMPEST NTSWG (CNSSI-5001), COTS fiber and COTS NTSWG (CNSSI-5001) versions





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Specifications

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Native National Television Standards Committee

4SIF (704 x 480 pixels), receive only

SIF (325 x 240 pixels)

Native Phase Alternating Line (PAL)

4CIF (704 x 576 pixels), digital clarity

QCIF (176 x 144 pixels)

SQCIF (128 x 96 pixels)

Receive Native PC Resolutions

XGA (1024 x 768 pixels)

SVGA (800 x 600 pixels)

VGA (640 x 480 pixels)

Audio Standards

G.711, G.722 and G.729AB

Audio Features

Echo cancellation

Automatic gain control (AGC)

Automatic noise reduction

Camera

One-fourth-inch CCD

+10/-10 degrees tilt

32 degrees vertical field of view

36 degrees total vertical field of view

45 degrees horizontal field of view

460 (PAL)/470 (NTSC) TV lines

Minimum illumination 1.1 Lux (video output 50%, AGC on, standard lens)

Reference 0.4 Lux (video output 50%, AGC on, F1.4)

Manual focus

Automatic white balance

LCD Screen

8.4" wide viewing angle screen

Manual brightness

Physical Dimensions

H x W x D 13.6 x 9 x 8 inches

Footprint..... 6.68 x 7.3 inches

Weight 3.3 lbs.

Network Features

Intelligent Packet Loss Recovery (IPLR)

Network Interface

Two 100Mb Ethernet Fiber LAN connections

Internal 2-Port Ethernet Switch

PoE (IEEE 802.3af)

Ethernet, Internet, and Intranet Connectivity

Cisco Discovery Protocol, 802.1 p/q, TCP/IP, DHCP, Address Resolution Protocol

(ARP), TFTP, Telnet, and XML

Operating Environment

Operating Temperature 32 to 104° (0 to 40°C)

Relative Humidity..... 10% to 95% (noncondensing)

Storage Temperature..... 14 to 140°F (-10 to 60°C)

Cisco IP Phone Description

UL 60950

CAN/CSA-C22.2 No. 60950

EN 60950

EC 60950

ACA TS 001

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 - 9/8/10



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