



Computer Security Solutions, Inc.



DTD-7000T TEMPEST Pedestal VCS EXECUTIVE/CONFERENCE ROOMS

**Manufactured to meet:
NSTISSAM 1/92 Level I**

The DTD-7000T is the TEMPEST version of the Polycom VSX7000 manufactured by CIS Secure Computing. The DTD-7000T is a high performance executive Video Conferencing System (VCS) with a high quality pan-tilt-zoom camera and external microphone. It is designed to support Type 1 encryption. It is available with either a 17" or 21.3" LCD display.

The DTD-7000T is a TEMPEST VCS (Video Conferencing System) officially endorsed by Polycom, Inc.

SPECIFICATIONS

ITU H.323, SIP and H.320 compliant
Cisco AVVID Certified

Bandwidth

- Maximum Data Rate IP and Serial (V.35/RS449/RS530) Up to 2 Mbps

Video Standards

- H.261, Annex D
- H.263+ Annexes: F, I, J, L, N, T
- H.263++ Annexes: W
- H.264

Frame Rates (Point-to-Point)

- Intelligently selects frame rate for best performance video
- 30 fps at 56 kbps up to 2 Mbps
- 60 fields per second up to 2 Mbps

Video Inputs: Main Camera

- Integrated main camera

Video Formats

- NTSC/PAL

Content Video Resolution

- Up to 4CIF

Integrated Main Camera

- Ultra-quiet, ultra-fast action pan/tilt/zoom (PTZ)
- Total Field of View: 265°
- 12x Zoom; f-4.2 to 42mm
- F=1.85 to 2.9 mm
- Auto focus
- Automatic white balance
- Camera presets (20)
 - Local camera presets (10)
 - Far-end camera presets (10)
- Standards-based, far-end camera control (FECC)

Audio Standards & Protocols

- 14 kHz bandwidth with VSX Siren™ 14Plus on IP, ISDN, and IP/ISDN mixed calls
- 14 kHz bandwidth with Siren 14
- 7 kHz bandwidth with G.722, G.722.1
- 3.4 kHz bandwidth with G.711, G.728, G.729A

LCD Display Options

- 17" LCD:
Contrast Ratio: 450:1 Typical
16ms Response time
1280 x 1024 Resolution
Viewable Zone: 140° Horizontal and Vertical
- 21.3" LCD:
Contrast Ratio: 500:1 Typical
20ms Response time
1600 x 1200 Resolution
Viewable Zone: 140° Horizontal and Vertical

Network Interfaces Supported

- IP 10Base FL or 100Base FX
- Optional Serial Module (V.35/RS-530/RS-449 with RS-366 dialing)
- RJ45 (Non TEMPEST)

Internal Multipoint (Optional)

- Mixed protocol dialing connects a total of four endpoints through the internal MCU
- Dial-in/Dial-out Calling
- Password protection for incoming calls
- Supports IP telephones
- Automatic IP/ISDN down speeding
- Supports People+Content™ from any endpoint (not just the host site)
- MP key installation while in a call

- Voice Activated Switching (VAS)
- Continuous Presence- sell all locations

- Automatic Presentation- switch between presenter and continuous presence mode
- Audio add-in over ISDN

Directory Services

- 1,000+ number local directory
- Limitless multipoint entries

Electrical

- Auto sensing power supply
- Operating voltage/power 90-260 VAC, 47-63 Hz/80 watts

Physical Characteristics

- Unit with Base: 16.5" W x 17.25" H x 10" D
- Weight: 25.5 lbs.
- Unit without Base: 16.5" W x 17.25" H x 4" D
- Weight: 25.0 lbs

Custom configurations and custom mobile solutions which include integrated IMUX, COMSEC support and travel cases are available.

To purchase this product or for additional information contact:

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(703) 917-0809 Fax**

**E-mail:
ktempest@compsecinc.com**

DTD-7000T Specifications

ITU H.323, SIP and H.320 compliant
Cisco AVVID Certified

Bandwidth

- Maximum Data Rate IP and Serial/V.35: Up to 2 Mbps

Video Standards

- H.261, Annex D
- H.263+ Annexes: F, I, J, L, N, T
- H.263++ Annexes: W
- H.264
- ITU 60-fps full screen – Pro-Motion

Frame Rates (Point-to-Point)

- Intelligently selects frame rate for best performance video
- 30 fps at 56 kbps up to 2 Mbps
- 60 fields per second up to 2 Mbps

Video Inputs: Main Camera

- Integrated main camera

Video Formats

- NTSC/PAL

Integrated Main Camera

- Ultra-quiet, ultra-fast action pan/tilt/zoom (PTZ)
- 65° field of view
- Tilt Range: +/- 25° (Up/Down)
- Pan Range: +/- 100° (Left/Right)
- Total Field of View: 265°
- 12x Zoom; f-4.2 to 42mm
- F=1.85 to 2.9 mm
- Auto focus
- Automatic white balance
- Camera presets (20)
- Local camera presets (10)
- Far-end camera presets (10)
- Standards-based, far-end camera control (FECC)

Video Resolution

- Pro-Motion interlaced video (60/50 fields full-screen video for NTSC/PAL)
- 4SIF (704 x 480)
- 4CIF (704 x 576)
- SIF (352 x 240)
- CIF (352 x 288)
- Choice of 4:3 or 16:9 display aspect ratios

Audio Standards & Protocols

- 14 kHz bandwidth with VSX Siren™ 14Plus on IP, ISDN, and IP/ISDN mixed calls - Stereo
- 7 kHz bandwidth with G.722, G.722.1
- 3.4 kHz bandwidth with G.711, G.728, G.729A

Audio Inputs:

- 1 x Conference link for microphones

Other ITU-Supported Standards

- H.221 communications
- H.224/H.281 far-end camera control
- Annex Q standard for FECC in H.323 calls
- H.225, H.245
- H.231 in multipoint calls
- H.243 MCU password
- H.233, H.234, H.235V3 encryption standards
- Bonding, Mode 1

Network Interfaces Supported

- IP 10Base FL or 100Base FX
- RJ45 (Non TEMPEST)

Internal Multipoint (Optional)

- Mixed protocol dialing connects a total of four endpoints through the internal MCU
- Dial-in/Dial-out Calling
- Password protection for incoming calls
- Supports IP telephones
- Automatic IP/ISDN down speeding
- Supports People+Content™ from any endpoint (not just the host site)
- Voice Activated Switching (VAS)
- Continuous Presence- sell all locations
- Automatic Presentation- switch between presenter and continuous presence mode
- Audio add-in over ISDN
- MP key installation while in a call

Network Features

- Automatic IP/ISDN calling
- Down speeding over IP and ISDN
- Audio & Video Error Concealment over IP
- IP address conflict warning
- Fast Connect IP for quick video connections
- Maximum call length digital timer

Security

- COMSEC tested by Titan Systems, Information Security Systems Division, and independently validated to operate with approved government encryption technologies
- KIV194/KIV-7 encryptor support with on screen and address book dialing
- Enhanced integration for independently certified, classified encryption devices
- Account validation number entry
- Secure password authentication
- Unique factory default passwords
- Administrator password
- Dial-in meeting password
- Encrypted password for web interface access
- Standards-based H.243 MCU password
- Do not disturb feature
- Do not disturb feature while in a call
- Ability to disable remote interfaces (FTP, Telnet, HTTP)
- Ability to disable mixed protocol multipoint calls
- Auto-Answer Point-to-Point (On/Off)
- Auto-Answer MultiPoint (On/Off)
- Allow access to user settings (On/Off)

Directory Services

- 1,000+ number local directory
- Limitless multipoint entries

System Management

- Diagnostics and software upgrades via PC, LAN
- Integrated Web interface for remote management
- Out-of-box setup from Web interface
- Place a call from Web interface
- Language independence between set-top interface and Web interface
- System configuration from Web interface
- Recent Calls Log – Records last 99 incoming and outgoing calls
- Call Detail Record (CDR) – Reports all calls made from the system along with call statistics
- CDR Feature On/Off
- Downloadable CDR data for processing requires no external management system
- Account number validation at call initiation integrated with Polycom Global Management System™ for billing purposes
- Administrator-configurable dialing speeds
- Complete support for The Polycom Office including:
 - Polycom Global Management System
 - Polycom OneDial
 - Polycom PathNavigator
 - Polycom Conference Suite
 - Polycom MGC

Quality of Service and Experience – iPriority™

- Video Error Concealment
- Audio Error Concealment
- IP Precedence (ToS)
- DiffServ (DSCP) (COS)
- Dynamic Bandwidth Allocation
- Proactive Network Monitoring
- Packet and jitter control
- Network Address Translation (NAT) support
- Automatic NAT discovery
- Configurable video/audio/FECC service value
- Asymmetric speed control
- Alternate Gatekeeper
- CISCO Call Manager Integration
- TCP/UDP fixed-port firewall support
- Lip synchronization
- Echo cancellation
- Echo suppression

- Auto gatekeeper discovery
 - Automatic gateway dialing profiles
 - Specify outbound call routing for gateway/ISDN
- ## Language Support (11 languages)
- Chinese (Simplified), Chinese (Traditional), English, French, German, Italian, Japanese, Korean, Norwegian, Portuguese, Spanish
- Documentation translations in all languages
 - User interface translations in all languages
 - Keypad audio dialing confirmation in all languages
 - Web interface translations in all languages
 - Remote controls labeled in all languages

OPTIONS

Video Inputs:

- 1 x S-Video; (Document camera, VCR or second camera)
- 1 x Composite; (Document camera, VCR or second camera)

Video Outputs: 5 Connectors

- 1 x S-Video; 4-pin mini DIN (Main monitor)
- 1 x Composite; RCA/Phono (Main monitor)
- 1 x S-Video (Optional second monitor)
- 1 x Composite; RCA/Phono (Optional second monitor)
- 1 x XGA (Optional second graphics display)

Video Formats

- Graphics: SXGA, XGA, SVGA, VGA

Content Video Resolution

- SXGA (1280 x 1024), XGA (1024 x 768), SVGA (800 x 600),
- VGA (640 x 480) for graphic displays
- 4CIF

Audio Inputs: 3

- 1 x RCA input for mixer or VCR
- 1 x RCA input for VCR (for mixer)

Audio Outputs: 2 Connectors

- 1 x RCA for external amplifier/loudspeaker system
- 1 x RCA for VCR record

Conference on Demand

- Initiates unscheduled MGC calls from the endpoint
- Utilizes Polycom Office (PathNavigator and MGC)
- Auto selects either the internal or external bridge
- Dials all participants simultaneously

Electrical

- Auto sensing power supply
- Operating voltage/power 90-260 VAC, 47-63 Hz/80 watts

Physical Characteristics

- Unit with Base: 16.5" W x 17.25" H x 10" D
- Weight: 25.5 lbs.
- Unit without Base: 16.5" W x 17.25" H x 4" D
- Weight: 25.0 lbs

Warranty

- One-year parts and labor

To purchase this product or for additional information contact:

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