

TEMPEST Executive HD Videoconferencing System DTD-EX90T-L1

High Definition Desktop TelePresence



The Cisco TelePresence™ System EX Series transforms the workplace by combining work, communications, and collaboration - all on the desktop with just the touch of a finger. Colleagues can instantly work together whether they are separated by a hallway, a street, or several time zones. As part of the EX Series, the Cisco TelePresence System EX90 (EX90) and Cisco TelePresence System EX60 (EX60) support vivid, lifelike 1080p30 video, natural collaboration, and the simplicity of a touch screen interface for a complete solution that helps ensure conversations are more productive.

CTP II certified to meet the following TEMPEST standards:

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



Rear panel

Video and Audio Specifications

Bandwidth H.323/SIP

up to 6 Mbps point-to-point

Video standards

- H.261
- H.263
- H.263+
- H.264

Video features

- Widescreen: 16:9
- Advanced screen layouts
- Intelligent video management
- Local auto layout

Live video resolutions

- 176 x 144@30 fps (QCIF)
- 352 x 288@30 fps (CIF)
- 512 x 288@30 fps (w288p)
- 576 x 448@30 fps (448p)
- 768 x 448@30 fps (w448p)
- 704 x 576@30 fps (4CIF)
- 1024x1024 x 576@30 fps (w576p)
- 640 x 480@30 fps (VGA)
- 800 x 600@30 fps (SVGA)
- 1024 x 768@30 fps (XGA)
- 1280 x 1024@30 fps (SXGA)
- 1280 x 720@30 fps (720p30)
- 1280 x 768@30 fps (WXGA)
- 1920 x 1080@30 fps (1080p30)*
- 1440 x 900@30 fps (WXGA+)*
- 1680 x 1050@30 fps (WSXGA+)*
- 1600 x 1200@30 fps (UXGA)*
- 512 x 288@60 fps (w288p60)*
- 768 x 448@60 fps (w448p60)*
- 1024x576@60 fps (w576p60)*
- 1280x720@60 fps (720p60)

* Requires premium resolution option

Audio standards

- G.711
- G.722
- G.722.1
- 64/128 kbps MPEG4 AAC-LD
- AAC-LD stereo

Audio features

- CD-quality 20-kHz stereo
- Acoustic echo canceling
- Automatic gain control
- Automatic noise reduction
- Active lip synchronization

Dual stream

- H.239 (H.323) dual stream
 - BFCP (SIP) dual stream
- Network, Security and Management Specifications

Protocols

- H.323
- SIP

Network interfaces

- Internal 2-port Ethernet switch
 - One LC Fiber100Mbps or 1GB for LAN**
 - One LC Fiber100Mbps or 1GB for PC**
- ** field upgradable

System management

- Support for the Cisco TelePresence Management Suite
- Total management through embedded Simple Network Management Protocol (SNMP), Telnet, SSH, XML, and Simple Object Access Protocol (SOAP)
- Remote software upload: web server, Secure Copy Protocol, HTTP, and HTTPS

MultiSite option available

Other interfaces

- 1 USB for future applications
- VGA Input for PC
- PC Audio Input
- Headset

IP network features

- Domain Name System (DNS) lookup
- Differentiated Services (QoS)
- IP adaptive bandwidth management (including flow control)
- Auto gatekeeper discovery
- Dynamic playout and lip-sync buffering
- H.245 DTMF tones in H.323
- Date and time support with Network Time Protocol (NTP)
- Packet loss-based downspeeding
- DNS-based URI dialing
- TCP/IP
- Dynamic Host Configuration Protocol (DHCP)
- IEEE 802.1x network authentication
- IEEE 802.1q VLAN

Firewall traversal

- Cisco TelePresence Expressway Technology
- H.460.18 and H.460.19 Firewall Traversal

Embedded encryption • H.323/SIP point-to-point

- Standards-based: H.235 v2 and v3 and Advanced Encryption Standard (AES)
- Automatic key generation and exchange
- Supported in dual stream

Security features • Management via Secure HTTP (HTTPS) and Secure Shell (SSH) Protocol

- IP administration password
- Menu administration password
- Disable IP services
- Network settings protection

POWER & Dimensions

Auto-sensing 100–240 VAC, 50–60 Hz 150W MAX
23”h x 23”w x 9.5”d, including base & camera. 28lbs

All TEMPEST solutions and services available from CIS Secure Computing are CTP II certified by CIS Labs, Inc., a wholly owned subsidiary of CIS Secure Computing, Inc. CIS Labs is an NSA Certified TEMPEST Manufacturer and Test facility.

WARRANTY

One-year parts and labor and software