

## TEMPEST Executive HD Videoconferencing System DTD-E24T-L1

Small Group 720p VTC System with PTZ camera

**MXP Systems**



*Intuitive  
& User  
Friendly  
Remote  
Control*

**TANDBERG**



The DTD-E24T-L1 is an Executive Videoconferencing system based on the award winning Tandberg Edge 95 MXP platform and is available with an additional VGA input for use as a PC monitor to reduce clutter on the desktop.

Elegantly designed, this all-in-one unit features a 24" widescreen display and fits easily on desktops or small conference tables. The Precision HD Camera with extensive zoom, pan and tilt provides high quality video.

Options include MultiSite with rate matching and transcoding, live presentations through NPP one-step PC plug-in or LAN connection, headset, and 1GB fiber network connection.

The Tandberg MXP codec platform is also JITC approved.

**CTP II certified to meet the following TEMPEST standards:**

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

### FEATURES AND OPTIONS

**Included:** Wireless remote control, microphone, and cables

#### BANDWIDTH

H.323/SIP up to 2 Mbps

#### FIREWALL TRAVERSAL

TANDBERG Expressway™ Technology  
Auto NAT

H.460.18, H.460.19 Firewall Traversal

#### VIDEO STANDARDS

H.261, H.263, H.263+, H.263++ (Natural Video),  
H.264 (AVC) (CAVLC).

#### VIDEO FEATURES

24" Widescreen DVI display

Advanced Screen Layouts, Picture in Picture (PIP),  
Picture outside Picture, Side by Side, PC zoom,  
Simultaneous videoconference & local PC mode

#### INPUTS AND OPTIONS

1 x DB15 (PC) Input – for optional NPP

1 x microphone DB9

1 x DB9 Audio Input – for optional Headset

MultiSite - optional

#### VIDEO FORMAT

NTSC, PAL, VGA, SVGA, XGA, W-XGA, SXGA, HD720p

#### LIVE VIDEO RESOLUTIONS

**NATIVE NTSC:** 400p (528 x 400 pixels), 4SIF (704 x 480 pixels), Digital Clarity, Interlaced SIF (SIF 352 x 480 pixels), Natural Video SIF (352 x 240 pixels),  
and w288p, w448p, w576p, w720p wide resolutions

#### CONTENT RESOLUTION

CIF, SIF, 4CIF (H.261 Annex D), 4SIF, VGA, SVGA,  
XGA

#### OTHER MAJOR STANDARDS SUPPORTED

H.231, H.233, H.234, H.235 v2&v3, H.239, H.241,  
H.243, H.281, BONDING (ISO 13871), H.320, H.323,  
H.331 RFC 3261, RFC 2237, RFC 3264, RC 3311, RFC  
3550, RFC 2032, RFC 2190, RFC 2429, RFC 3407

#### AUDIO STANDARDS

G.711, G.722, G.722.1, G.728, 64 bit & 128 bit  
MPEG4 AAC-LD

#### AUDIO FEATURES

Built-in speakers, CD-Quality 20 KHz support, Two  
separate acoustic echo cancellers, Automatic Gain  
Control (AGC) Automatic Noise Reduction, Audio  
level meters, packet loss management

#### FRAME RATES

30 frames per second @ 168 kbps and above  
60 fields per second @ 336 kbps and above

#### EMBEDDED ENCRYPTION

Standards-based: H.233, H.234, H.235 v2&v3, DES  
and AES NIST-validated AES, NIST-validated DES  
Automatic key generation and exchange

#### NETWORK FEATURES

Auto H.320/H.323 dialing SIP

Downspeeding

Programmable network profiles Intelligent Call

Management Maximum call length timer

#### SECURITY FEATURES

Management via HTTPS

IP Administration Password Menu Administration

Password Dialing Access code, H.243 MCU Password

SNMP security alerts, Disable IP services

MD-5 Challenge

Network Settings protection SIP Authentication via

NTLM, SIP Authentication via Digest

#### SYSTEM MANAGEMENT

Support for the TANDBERG Management Suite

Total management via embedded web server, SNMP,

Telnet, SSH, FTP & SOAP, Remote software upload:

via web server, ftp server or ISDN, 1 x RS-232 local

control and diagnostics, Remote control and on-

screen menu system, External Services from TMS

#### IP NETWORK FEATURES

H.235 Gatekeeper Authentication  
DNS lookup for service configuration Differentiated  
Services (DiffServ)

Resource Reservation Protocol (RSVP)

IP precedence

IP type of service (ToS)

IP adaptive bandwidth management

Auto gatekeeper discovery

Intelligent Packet Loss Recovery (IPLR)

Cisco Call Manager integration using ECS

#### IPv6 NETWORK SUPPORT

#### NETWORK INTERFACE OPTIONS

1 x Fiber LAN/Ethernet (SC) 100Mb

Optional 1000 Mb (SC) Ethernet

#### DUAL STREAM

DuoVideo including H.239 (NPP option)

#### PRESENTATIONS AND COLLABORATION OPTION

Natural Presenter Package including:

PC Presenter (DVI-I, SXGA In)

PC *Soft*Presenter

Digital Clarity & Native Formats

Advanced Video Layouts

Streaming compatible with Cisco IP/TV, Apple

QuickTime®, RealPlayer® v8 etc.

#### ELECTRICAL

Auto sensing power 90-260VAC, 47-63 Hz/80W

#### WEIGHT AND DIMENSIONS

Dimensions w/base & camera: 23.25" W x 25.25" H  
(including camera) x 5.1" D, Weight: 36.3lbs.

#### WARRANTY

One-year parts and labor and software

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.