

TEMPEST Executive Videoconferencing System DTD-MXP-21T

Desktop and Mobile VTC System available with PC Monitor Option

MXP Systems



TANDBERG

*Intuitive
 & User
 Friendly
 Remote
 Control*



The DTD-MXP-21T is an Executive Videoconferencing system based on the award winning Tandberg 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 21" widescreen display and fits easily on desktops or small conference tables. It can also fit neatly into an optional travel case for mobile executive applications. The W.A.V.E II camera with extensive zoom, pan and tilt provides high quality video. The camera is detachable and the tilting table stand collapses to reduce the shipping size useful for mobile applications.

Options include MultiSite with rate matching and transcoding, live presentations through NPP one-step PC plug-in or LAN connection, H.320 Serial interface (RS530/366) for ISDN, INMARSAT and Type 1 encryption support, DVI input, and more.

The Tandberg MXP codec platform is also J1TC approved.

Built and tested to meet the following TEMPEST standards:

- NSTISSAM 1-92 Level I
- AMSG 720B

FEATURES AND OPTIONS

Included: Wireless remote control, microphone, headset w/boom mic, and cables

BANDWIDTH

H.323/SIP up to 2 Mbps
 Optional H.320 up to 512 kbps

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

21" Widescreen DVI display, 8ms response time, 1680 x 1054 Native Resolution
 Advanced Screen Layouts, Picture in Picture (PIP), Picture outside Picture, Side by Side

VIDEO INPUTS AND OPTIONS

Detachable main camera - W.A.V.E. II, auto white balance, PTZ

1 x DB15 or DVI-I (PC) Input - to Codec for H.239

1 x DB15 SVGA (PC) Input - to display source B

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

AUDIO INPUTS (4 INPUTS)

1 x microphone DB9,
 1 x Headset/mic DB9

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

Dual Stack IPv4 and IPv6

Net service support on IPv6: Telnet, HTTP, HTTPS,

ftp, SNMP, DNS, NTP, DHCP

Media support on IPv6: H.323, Streaming

NETWORK INTERFACE OPTIONS

1 x Fiber LAN/Ethernet (SC) 10, 100, or 1000 Mb

1 x RS-530 w/ RS-366dialing (optional)

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.

CLOSED CAPTIONING/TEXT CHAT

T.140 text chat available from Telnet, Web and User Interface

ELECTRICAL

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

WEIGHT AND DIMENSIONS

Dimensions w/base & camera: 20" W x 21.25" H x 5.25" D, Weight: 29.75 lbs.

WARRANTY

One-year parts and labor and software

Canadian Sales:
 Presentey Engineering Products Ltd.
 2784 Fenton Road,
 Ottawa, Ontario,
 K1T 3T7
 Canada
 +1(613)822-1251
 sales@presentey.com



Engineering excellence for 50 years!