



TANDBERG Experia™

Experia™, the adaptive telepresence solution from TANDBERG that creates the optimal across the table visual communication experience. Quad 50" plasma screens, TANDBERG's Precision HD™ cameras and directional CD-quality audio combine to provide a highly interactive forum for collaboration. With the simple touch of a button, plan strategies, strengthen relationships and finalize decisions with executives from around the globe.



Touch panel included for simplified control.

DESIGN FEATURES

- Designed to deliver the telepresence experience into existing room environments
- Quad 50" HD wide-screen plasma monitors
- TANDBERG Precision HD™ Cameras
- Directional, CD quality audio and DNAM
- Pre-wired executive table
- Wireless touch-panel control
- Simple and intuitive

APPLICATION FEATURES

- Join up to 4 sites for multi-point telepresence calls
- Interoperable with any standards-based H.323 system
- Dedicated collaboration monitor allows participants to share PC presentations, DVDs, documents and other peripheral devices
- One touch dialing
- Integrated with TMS for management and scheduling

PERFORMANCE FEATURES

- 8MB of bandwidth required for optimal telepresence experience
- High Definition video (720p) @ 30FPS
- Spatial audio optimizes a natural communication experience
- High level of security with AES encryption and authentication
- TANDBERG Expressway™ technology

UNIT DELIVERED COMPLETE WITH:**INTEGRATED SYSTEM INCLUDES:**

4 x 50" HD wide-screen plasma monitors
 4 x TANDBERG 6000MXP Codecs
 4 x TANDBERG PrecisionHD™ Camera
 3 x Microphone
 2 x Digital Audio Module™
 1 x Wireless touch panel

SOLUTION INCLUDES:

Executive telepresence table
 Wall and table docking stations for control panel

MONITORS

Quad 50" plasma monitors
 16:9 high resolution widescreen format

TELEPRESENCE BANDWIDTH¹

Up to 8 Mbps IP for 720p @ 30FPS
 H.323 up to 2 Mbps point-to-point per codec connection
 SIP up to 2 Mbps point to point per codec connection

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, H.264RCDO

VIDEO INPUTS*

4 x HD Main Camera
 1 x MiniDin, S-video: DVD
 2 x HD15: PC
 1 x HD15: DOC CAM

VIDEO OUTPUTS

3 x DVI-I: main displays
 1 x DVI-I: collaboration display
 Output up to 1280 x 720 @ 60hz

AUDIO STANDARDS

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

AUDIO FEATURES

Spatial Audio
 CD-Quality 20 KHz Mono and Stereo
 Superior Echo Cancellation
 Integrated Audio Module using dual DNAMs

AUDIO INPUTS

3 x Microphone
 2 x RCA/Phono, Line Level: VCR/DVD
 2 x 3.5mm Stereo Line Level: PC

FRAME RATES

30 frames per second @ 2Mb for 720p per codec connection

DUAL STREAM

DuoVideo on collaboration monitor — up to XGA
 H.239 dual stream

TELEPRESENCE MULTIPOINT FEATURES

(When using Experia™ as a telepresence system)
 Up to a total of 4 Telepresence sites
 Content Sharing on collaboration monitor

TELEPRESENCE POINT TO POINT FEATURES

Add H.323 system/audio sites on collaboration monitor
 Up to 4 additional H.323 sites (+ audio calls)
 DuoVideo/H.239 used for content sharing on collaboration monitor

STANDARD H.323 MULTISITE CALL FEATURES*

(When using the Experia™ as a standard VC system)
 H.323/SIP/Telephony/VoIP in the same conference
 Audio and Video Transcoding
 Video rate matching from 56 kbps — maximum conference rate
 H.264, Encryption, Digital Clarity
 Dual Stream from any site
 IP Downspeeding and IPLR
 Unicode H.243 Terminal Names
 Dial In/Dial out
 Conference rates up to 6 Mbps
 4 sites @ 2 Mbps, 6 sites @ 768 (+telephone calls)

NETWORK AND SECURITY FEATURES*

Embedded Encryption AES and DES
 IEEE 802.1x/EAP Network Authentication
 H.323 Gatekeeper Authentication
 DNS lookup for service configuration
 IPv4 and IPv6 simultaneous support
 Intelligent Packet Loss Recovery (IPLR)

NETWORK INTERFACES

6 x LAN/Ethernet (RJ-45) 10/100 Mbit: 4 Codec, 1 Control
 System, 1 Touch Panel WAP

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

PRECISIONHD™ CAMERA

Automatic camera preset control
 7 x zoom 1/3" CMOS +10°/-20° tilt +/- 90° pan
 42° vertical field of view
 72° total vertical field of view
 70° horizontal field of view
 250° total horizontal field of view
 Focus distance 0.3m-infinity
 1280 x 720 pixels progressive @ 30fps
 Automatic or manual focus/brightness/whitebalance/
 gamma/backlight

PRESENTATIONS AND COLLABORATION

Dedicated Collaboration Monitor
 Natural Presenter Package allows for the sharing of PC
 presentations, DVDs, documents.

SYSTEM MANAGEMENT*

Wireless Touch Panel for system control
 Touch Sensitive Table Buttons for Source/Presentation Control
 Remote management of touch panel

DIRECTORY SERVICES

Support for Local directories (My Contacts),
 Corporate Directory
 Unlimited entries using Server directory supporting LDAP
 and H.350*
 Unlimited Corporate directory numbers (through TMS)
 200 number local contacts
 Received Calls with Date and Time
 Directories in Local Languages

POWER

6/4A 100-120/200-240V 60/50Hz

OPERATING TEMPERATURE AND HUMIDITY

0° C to 35° C (32° F to 95° F) ambient temperature
 10% to 90% Relative Humidity (RH)

STORAGE AND TRANSPORT TEMPERATURE

-20° C to 60° C (-4° F to 140° F) at RH 10-90%
 (non-condensing)

APPROVALS

Directive 73/23/EEC (Low Voltage Directive)
 – Standard EN 60950-1
 Directive 89/336/EEC (EMC Directive)
 – Standard EN 55022, Class A
 – Standard EN 55024
 – Standard EN 61000-3-2/-3-3
 Directive 99/5/EEC (R&TTE Directive)
 – Standard TBR3 Layer 1, 2 and 3
 – Standard TBR4 Layer 1, 2 and 3
 Approved according to UL 60950-1, first edition
 and CAN/CSA C22.2 No. 60950-1-03, first edition
 Complies with FCC15B Class A
 Approved according to IEC 60950-1

MAIN SYSTEM FOOTPRINT

Width: 150.5"/383 cm
 Depth: 28.6"/73 cm

CURVED TABLE FOOTPRINT

Width: 191.6"/487 cm
 Depth: 40.3"/102 cm
 Actual Table Depth: 24"/71 cm

**For additional information on all sections marked with an asterisk, please refer to the TANDBERG 6000 MXP Codec Product Sheet.*

¹Additional bandwidth may be required to add an H.323 system to a telepresence point to point call.

All specifications subject to change without notice, system specifics may vary.

All images in these materials are for representational purposes only, actual products may differ.



TANDBERG

Experia™

IVCI
 180 Adams Avenue
 Hauppauge, NY 11788
 Telephone: +1 631 273 5800
 Fax: +1 631 273 7277
 Email: info@ivci.com
 Web: www.ivci.com

January 2007

TANDBERG