



TANDBERG Telepresence T3/T1

The ultimate telepresence experience. Rich, bold, immersive yet remarkably simple to use, the T3 and T1 are visual collaboration taken to an entirely new level. Thousands of details work together to provide a natural forum to speed decision making and make sure everyone is on the same page. London at 9:00A.M., New York at Noon and Tokyo at 3:00P.M.? With TANDBERG telepresence, it's not a problem. And because telepresence integrates with other endpoints, you don't even need to be in an office.



The revolutionary touch screen of TANDBERG telepresence makes initiating and managing a telepresence meeting even easier.

KEY POINTS:

- **Rich Immersive Experience** — From the moment a TANDBERG telepresence meeting begins, it's clear that this is not an ordinary video conference. The design of the room, the eye-to-eye connection, the clarity of video and the crisp audio all converge into a sensory experience that makes it easy to forget that the other participants aren't actually in the same room.
- **Access to Everyone** — TANDBERG telepresence may have an ambience of refinement, but this is not an exclusive tool. In fact, it is designed to be the exact opposite. With the TANDBERG commitment to open standards, it is easy to bring in users from any other standards based endpoint, from the expert out in the field to the manager at his desk to the team in the conference room, making it easy to collaborate across the organization.
- **TANDBERG Total Telepresence** — With a design this elegant, it's easy to forget that it's what's behind the scenes that makes it easy to use. TANDBERG Total Telepresence goes beyond just product to include services, management and fulfillment that supports your unique network and service requirements.
- **Scalable Product Options** — One size does not fit all for telepresence; that's why we have created options that scale to the scope of your deployment. For larger environments with many participants, the T3 can accommodate 6–9 people in a single telepresence room. For smaller locations that still require the immersive telepresence experience, only with fewer people, the T1 is ideally suited to host 2-3 participants.

GET THE MOST FROM YOUR INVESTMENT. WITH **PROFESSIONAL SERVICES**, TANDBERG EXPERTS SUPPORT TANDBERG TELEPRESENCE DEPLOYMENT AND TRAINING. VISIT WWW.TANDBERG.COM

TANDBERG TELEPRESENCE T3 COMES COMPLETE WITH:

3 x 65" Full HD LCD displays, 3 x Codec C90, 3 x PrecisionHD 1080p cameras, 3 x speaker module, integrated table, 6 x directional microphones with fixed placement in table, 3 x 22" Full HD touch collaboration displays and ceiling-mounted studio lighting modules

An immersive room package, available for the T3 and T1, adds premium wood walls, TANDBERG Blue nordic-sky-inspired light package, chairs and a bench for additional seating

TANDBERG TELEPRESENCE T1 COMES COMPLETE WITH

1 x 65" HD LCD Displays, 1 x Codec C90, 1 x PrecisionHD 1080p camera, 1 x speaker module, integrated table, 1 x 22" Full HD touch collaboration display and ceiling-mounted studio lighting module.

BANDWIDTH

T3 — recommended 12Mbps (1080p)
T1 — recommended 4Mbps (1080p)

FIREWALL TRAVERSAL

TANDBERG Expressway™ Technology
H.460.18, H.460.19 Firewall Traversal

TANDBERG TOUCH COLLABORATION DISPLAYS

Language supported: English
Available on integrated touch collaboration screens

VIDEO STANDARDS

H.263, H.263+, H.264

LIVE VIDEO RESOLUTION

Optimal Definition up to 1080p30 and 60 fps up to 720p

AUDIO STANDARDS

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

AUDIO FEATURES

CD-Quality 20KHz mono and stereo directional audio
6 x integrated microphones

DUAL STREAM

H.239 (H.323) dual stream
BFCP (SIP) dual stream
UXGA support for dual stream

PROTOCOLS

H.323
SIP

EMBEDDED ENCRYPTION

H.323/SIP point-to-point and multipoint calls
Standards-based: H.235 v2 & v3 and AES
Automatic key generation and exchange

NETWORK INTERFACES

Embedded network switch on the TCU with total of two, 8-port switches typically used as separate LAN (video) ethernet (PC/Data)

ETHERNET/INTERNET/INTRANET CONNECTIVITY

TCP/IP, DHCP, Telnet, HTTP, HTTPS, SOAP and XML

PRECISIONHD 1080P CAMERA

12 x zoom
+25°/-15° tilt, +/- 90° pan
43.5° vertical field of view
72° horizontal field of view
Focus distance 0.3m-infinity
1920 x 1080 pixels progressive @ 60fps
Automatic or manual focus/brightness/whitebalance

COLLABORATION

3 x Full HD Touch Collaboration Screens

SYSTEM MANAGEMENT

Support for the TANDBERG Management Suite
Total management via embedded SNMP, Telnet, SSH, XML, SOAP
Remote software upload (codec): via Web server
1 x RS-232 per codec

DIRECTORY SERVICES

Support for Local directories (My Contacts)
Corporate Directory
Unlimited entries using Server directory supporting LDAP and H.350
Unlimited number for Corporate directory (through TMS)
200 number local directory

SYSTEM SPECIFICATIONS

Overall system dimensions: 2800x4800x1670 mm (L x W x H)
Overall system weight: approx. 840 kg

POWER CONSUMPTION (NORMAL OPERATION)

T3
3.8 kW incl. lighting
2.5 kW system
1.3 kW lighting
T1
2.5 kW incl. lighting
1.7 kW system
.9 kW lighting

OPERATING TEMPERATURE AND HUMIDITY

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

STORAGE AND TRANSPORTATION TEMPERATURE

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

POWER REQUIREMENT

4x 30/16A 100–120/200–240V 60/50Hz

APPROVALS

Directive 73/23/EEC (Low-Voltage Directive)
— Standard EN 60950
Directive 89/336/EEC (EMC Directive)
— Standard EN 55022, Class A
— Standard EN 55024
— Standard EN 61000-3-2/-3-3
Approved according to UL 60950 and CAN/CSA C22.2 No.60950
Complies with FCC15B Class B

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 and Expressway are registered trademarks or trademarks of TANDBERG in the U.S. and other countries.

All other trademarks are property of their respective owners.

MTBF PRODUCT RELIABILITY/MTBF

*The predicted reliability is expressed in the expected random Mean Time Between Failures (MTBF) for the electronic components based on the Power On Hours:
Power On Hours (POH) > 69 000 hours
Useful Life Cycle > 6 years
ISO 9001 certificate is available upon request*



TANDBERG

Telepresence T3/T1

TANDBERG WORLD HEADQUARTERS

Philip Pedersens vei 20
1366 Lysaker, Norway
Tel: +47 67 125 125
Fax: +47 67 125 234
Video: +47 67 126 126
tandberg@tandberg.com

1212 Avenue of the Americas,
24th Floor
New York, NY USA 10036
Tel: +1 212 692 6500
Fax: +1 212 692 6501
Video: +1 212 692 6535
tandberg@tandberg.com

October 2009