



TANDBERG 1000

For executive offices and small meeting rooms. State-of-the-art, compact, fully integrated system that delivers style and performance in equal measure. With this system on their desks, executives can place calls quickly and get answers even faster.



Add a PC card for the greater portability of wireless LAN connectivity.

DESIGN FEATURES

- Designed for executive offices and small meeting rooms
- Completely integrated system including camera, 12.1" LCD screen, speakers, cables and microphone
- Ultra thin portable frame
- Optional wall mount bracket

APPLICATION FEATURES

- Share files using the PC presentation capabilities provided by the PC SoftPresenter technology
- Streaming capabilities

PERFORMANCE FEATURES

- Choice of network: IP up to 768 kbps, optionally with ISDN up to 384 kbps
- PC card slot for wireless LAN connection
- Superior video quality incorporating the H.264 standard
- Highest level of standards-based embedded encryption (AES) is included
- Protection against network interruptions with automatic Downsampling and IPLR

SYSTEM COMPONENTS

Wireless remote control, built-in camera, microphone, speakers, cables, 12.1" LCD screen, table-top stand and optional wall mount bracket

LCD SCREEN

Wide view angle screen
SVGA resolution
Auto or manual brightness

BANDWIDTH

H.323 up to 768 kbps
H.320 up to 384 kbps

VIDEO STANDARDS

H.261, H.263, H.263+, H.264

VIDEO FEATURES

Picture in Picture (PIP)
Intelligent Video Management

VIDEO INPUTS (1 INPUT)

Built-in main camera
1 x RCA / Phono, composite: document camera / auxiliary
1 x XGA: PC using VNC (PC SoftPresenter)

VIDEO FORMAT

NTSC, PAL, VGA, SVGA or XGA

LIVE VIDEO RESOLUTIONS

NATIVE NTSC:

4SiF (704 x 480 pixels), Digital Clarity
SiF (352 x 240 pixels)

NATIVE PAL:

4CiF (704 x 576 pixels), Digital Clarity
CiF (352 x 288 pixels)
QCIF (176 x 144 pixels)
SQCIF (128 x 96 pixels) decode only

NATIVE PC RESOLUTIONS:

XGA (1024 x 768 pixels)
SVGA (800 x 600 pixels)
VGA (640 x 480 pixels)

STILL IMAGE TRANSFER

CiF, SiF, 4CiF (H.261 Annex D), 4SiF, VGA, SVGA, XGA

AUDIO STANDARDS

G.711, G.722, G.722.1, G.728

AUDIO FEATURES

Automatic noise reduction
Acoustic echo canceller
Automatic gain control

PRIVACY FEATURE

Headset, 2.5 mm mini jack

FRAME RATES

15 frames per second 56 – 128 kbps
30 frames per second 168 – 768 kbps

NETWORK FEATURES

Auto H.320 / H.323 dialing
Downspeeding
Programmable network profiles
Intelligent Call Management
Maximum call length timer
Automatic SPID and line number configuration
(National ISDN, GR-2941-CORE)
SoftMux

EMBEDDED ENCRYPTION

H.320 and H.323
Standards-based: H.233, H.234, H.235, DES and AES
NIST-validated AES
NIST-validated DES
Automatic key generation and exchange

H.323 NETWORK FEATURES

Differentiated Services (DiffServ)
Resource Reservation Protocol (RSVP)
IP precedence
IP type of service (ToS)
Network Address Translation (NAT) support
IP adaptive bandwidth management (including flow control)
Auto gatekeeper discovery
Dynamic playout and lipsync buffering
Intelligent Packet Loss Recovery (IPLR)
IP Address Conflict Warning

SECURITY FEATURES

Encrypted IP Password
Menu Password
Access code
Streaming password
H.243 MCU password
VNC password
SNMP security alert
Encrypted HTTP password
Possibility to disable IP services

NETWORK INTERFACES

3 x ISDN BRI (RJ-45), S-interface
1 x LAN / Ethernet (RJ-45) 10/100 Mbit (LAN / DSL / cable modem)
1 x PC card slot (PCMCIA) for wireless LAN

WIRELESS LAN SUPPORT

Compliant with IEEE 802.11b, up to 11 Mbit
Support for 64 / 128 bit encryption (WEP)
Infrastructure or ad-hoc mode

ETHERNET / INTERNET / INTRANET CONNECTIVITY

TCP/IP, DHCP, ARP, FTP, Telnet, HTTP
SNMP Enterprise Management
Internal web server
Internal streaming server (streams local and far-end site)
Wired 10/100 Mbit full / half duplex (manual or auto detect selection)

OTHER MAJOR ITU STANDARDS SUPPORTED

H.231, H.233, H.234, H.235, H.235 v2&v3, H.241, H.243, H.281, BONDING (ISO 13871), H.320, H.323

CAMERA

1.7 x zoom
1/3" CCD
+5° / -20° tilt (mechanical)
47° vertical field of view
65° horizontal field of view
450 (PAL) / 460 (NTSC) horizontal TV lines
Min. illumination 0.5 Lux (F1.4)
Manual focus
Auto or manual brightness and white balance
Far-end camera control
15 near and far-end camera pre-sees

PRESENTATIONS AND COLLABORATION

Presenter Package including:
PC SoftPresenter
Digital Clarity
T.120 Microsoft® NetMeeting® support via RS-232 (9-pin D-sub)
Streaming (compatible with Cisco IP/TV, Apple QuickTime®, RealPlayer® v8 etc.)

CLOSED CAPTIONING/TEXT CHAT

T.140 standards-based

SYSTEM MANAGEMENT

Support for the TANDBERG Management Suite
Total management via embedded web server, SNMP, Telnet and FTP
Remote software upload: during a call over all networks, via webserver or via FTP server
1 x RS-232 for local software upgrades, local control and diagnostics
Remote control and menu system

DIRECTORY SERVICES

400 number global directory
100 number local directory
Server directory* 50.000+ entries supporting LDAP and H.350

11 SELECTABLE MENU LANGUAGES

Chinese, English, French, German, Italian, Japanese, Norwegian, Portuguese, Russian, Spanish and Swedish

CUSTOMIZED BOOT UP LOGO (JPEG)

POWER

Auto-sensing power supply
100 – 250 VAC, 50 – 60 Hz
45 watts max.

UNIT DIMENSIONS

Height: 17.7" / 45.0cm
Width: 11.8" / 30.0cm
Depth: 2.6" / 6.6cm
Weight: 9.0lbs / 4.1kg

** Requires TANDBERG Management Suite 9.0 or newer*

System features vary depending on network selection and software package. All specifications subject to change without notice.



The TANDBERG 1000 has been tested in accordance with interoperability criteria set by Cisco Systems, Inc. and is compatible with the Cisco IP/VC 35XX product family, Cisco MCM 12.1 (5) XM3 and Cisco Aironet Wireless LAN Adapter 350 series. For full disclaimer see TANDBERG product documentation or the following Web site: www.tandberg.net.

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TANDBERG

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TANDBERG WORLD HEADQUARTERS

Philip Pedersens vei 22
1366 Lysaker, Norway
Tel: +47 67 125 125
Fax: +47 67 125 234
Video: +47 67 117 777
E-mail: tandberg@tandberg.net

200 Park Avenue, Suite 2005
New York, NY U.S.A. 10166
Tel: +1 212 692 6500
Tel: +1 800 538 2884 (toll free in the U.S.)
Fax: +1 212 692 6501
Video: +1 212 692 6535
E-mail: tandberg@tandbergusa.com

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