

# TANDBERG

For executive offices and small meeting rooms. State-ofthe-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

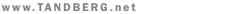
- Designed for executive offices and small meeting rooms Completely integrated
- system including camera, 12.1" LCD screen, speakers, cables and microphone Ultra thin portable frame
- Optional wall mount bracket

## 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 Downspeeding 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

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)

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, H234, 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-sets

#### 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 OuickTime®, RealPlayer® v8 etc.)

CLOSED CAPTIONING/TEXT CHAT T.140 standards-based

#### SYSTEM MANAGEMENT

Support for the TANDERG 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

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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