



TANDBERG 1000 MXP

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, share information quickly and get answers even faster: **TANDBERG 1000 MXP.**



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

- Powerful live presentations through one-step PC plug-in or LAN connection
- Streaming capabilities
- Send and view presentations and presenter simultaneously with Dual Stream technology
- TANDBERG Expressway™ technology
- URI Dialing
- SIP, H.323 and H.320 support

PERFORMANCE FEATURES

- Up to 768 kbps H.323 / 768 kbps SIP / 384 kbps H.320
- 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 Down-speeding and IPLR
- XGA LCD Screen
- Support for IP Quality of Service (QoS)

PROTECT YOUR TECHNOLOGY INVESTMENT. EXTEND THE LIFETIME OF YOUR PRODUCTS. TANDBERG's Constant Care Services fulfill customers' support needs from decision through deployment and beyond.

TANDBERG

UNIT DELIVERED COMPLETE WITH:

Wireless remote control, built-in camera, microphone, speakers, cables, 12.1" LCD screen, table-top stand

LCD SCREEN

Wide view angle screen
XGA resolution
Auto or manual brightness

BANDWIDTH

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

FIREWALL TRAVERSAL

TANDBERG Expressway Technology
Auto NAT

VIDEO STANDARDS

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

VIDEO FEATURES

Intelligent Video Management
Picture in Picture (PIP)
Dual Monitor Emulation (Side by Side)
PC Zoom

VIDEO INPUTS (1 INPUT)

Built-in main camera
1 x DVI-I/SXGA: PC
Input: 800 x 600 (@ 60, 72, 75, 85 Hz), 1024 x 768 (@ 60, 70, 75 Hz), 1280 x 1024 @ 60 Hz
Extended Display Identification Data (EDID)

VIDEO FORMAT

NTSC, PAL, VGA, SVGA, XGA, or SXGA

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) receive 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, 64 bit MPEG4 AAC-LD

AUDIO FEATURES

CD-Quality 20KHz Mono
Automatic noise reduction
Acoustic echo canceller
Automatic gain control

PRIVACY FEATURE

Headset and microphone via 2.5 mm mini jack

FRAME RATES

30 frames per second @ 168 kbps and above

DUAL STREAM

Duo Video & H.239
Available on H.323 & H.320

NETWORK FEATURES

Auto H.320 / H.323 dialing
SIP
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 point-to-point calls
Standards-based: H.233, H.234, H.235 v2&v3,
DES and AES
NIST-validated AES
NIST-validated DES
Automatic key generation and exchange
Supported in Dual Stream

IP NETWORK FEATURES

Differentiated Services (DiffServ)
Resource Reservation Protocol (RSVP)
IP precedence
IP type of service (ToS)
IP adaptive bandwidth management
(including flow control)
Auto gatekeeper discovery
Dynamic playout and lip-sync buffering
Intelligent Packet Loss Recovery (IPLR)
H.245 DTMF tones in H.323
Cisco Call Manager integration using ECS
IP Address Conflict Warning
URI Dialing

SECURITY FEATURES

Management via HTTPS
IP Administration Password
Menu Administration Password
Dialing Access code
Streaming password
H.243 MCU Password
VNC password
SNMP security alerts
Disable IP services
MD-5 Challenge
Network settings protection
SIP authentication via NTLM

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
1 x USB

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, HTTPS,
SOAP and XML, MD-5 Challenge
SNMP Enterprise Management
Internal web server
Internal streaming server

OTHER MAJOR STANDARDS SUPPORTED

H.231, H.233, H.234, H.235, 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

CAMERA

1/4" CCD
752(H) x 582(V) resolution
Lens: f=4mm F1:1.2
64° horizontal field of view
49° vertical field of view
Minimum illumination 5.0 lux (video output 50%, AGC on)
Manual focus

CLOSED CAPTIONING/TEXT CHAT

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

PRESENTATIONS AND COLLABORATION

Natural Presenter Package including:
PC Presenter (DVI-I, SXGA In)
PC SoftPresenter
Digital Clarity & Native Formats
Dual Monitor Emulation (Side by Side)
Streaming compatible with Cisco IP/TV, Apple
QuickTime®, RealPlayer® v8 etc.

SYSTEM MANAGEMENT

Support for the TANDBERG Management Suite
Total management via embedded web server, SNMP,
Telnet, FTP and SOAP
Remote software upload :via web server or FTP server

DIRECTORY SERVICES

Support for Local, Global and Dynamic Server Directories
Unlimited entries using Server directory* supporting LDAP
and H.350
400 number global directory
200 number local directory
Last Number Called
Call History
Directories in Local Languages

13 SELECTABLE MENU LANGUAGES

Simplified Chinese, Traditional Chinese, English,
French, German, Italian, Japanese, Korean, 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.

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)

UNIT DIMENSIONS

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

** Requires TANDBERG Management Suite 9 or newer*

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

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April 2005

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