

## A Global Leader in Videoconferencing



## TANDBERG 500

...core communications

### TANDBERG 500

The TANDBERG 500 videoconferencing set-top unit does what you need the most: clear sound, brilliant pictures and a choice of networks. It finds the best audio and video settings for you and it automatically senses whether you are making an IP or ISDN call. This system is easy to set up, easy to use and easy to take care of. The only thing you need to think about is the meeting at hand.

The TANDBERG 500 is light, portable and looks good on whichever TV monitor you choose. Try the unit in a small meeting room or right in your own office, and let the system speak for itself.

### Highlights

- Compact set-top box
- Easy to use interface for even the most non-technical users
- Outstanding audio and video designed specifically for a meeting environment
- Live PC presentation capabilities
- Streaming to PCs connected to the Local Area Network
- Variety of bandwidth speeds and network selections including IP and ISDN
- Protection against meeting interruptions and system failure provided by Downspeeding<sup>TF</sup>

All products adhere to International Telecommunication Union standards.

<sup>TF</sup> A TANDBERG FIRST

### TANDBERG Commitment

TANDBERG provides complete solutions with the highest levels of reliability, ease of use, quality and value. We focus on designing, developing and marketing videoconferencing systems while our worldwide network of business partners ensures that our customers receive excellent service, support and value with every purchase.

#### Value Added Services

- Consulting
- Network services
- Installation
- User training
- Extended warranty
- Rapid response on parts replacement
- One-site maintenance support

#### Global Presence Program (GPP)

- Global support program
- Single source solution
- Centralized purchasing
- Authorized partner network
- Consultation service

#### For More Information

Please contact any of the TANDBERG offices or write to us at [tandberg@tandberg.no](mailto:tandberg@tandberg.no)

Boardroom

Large Meeting Room

Medium Meeting Room

Small Meeting Room

Executive Office

# TANDBERG 500



## Unit delivered complete with:

Wireless remote control, camera, microphone, integrated cabling

## Bandwidth

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

## Video Standards

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

## 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/VCR  
1 x XGA: PC using VNC (PC SoftPresenter™)

## Video Outputs (2 outputs)

1 x MiniDin, S-video: main monitor  
1 x RCA/Phono, composite: main monitor or VCR

## Video Format

NTSC or PAL

## 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)

## Still Image Transfer

CIF, 4CIF, H.261 Annex D

## Audio Standards

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

## Audio Features

Automatic noise reduction  
Two separate acoustic echo cancellers  
Audio mixer  
Automatic gain control  
VCR ducking

## Audio Inputs (2 inputs)

1 x microphone, 24V phantom powered, XLR connector  
1 x RCA/Phono, Line Level: Auxiliary/VCR

## Audio Outputs (1 output)

1 x RCA/Phono, Line Level: Monitor

## Frame Rates

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

## Network Features

Auto H.320/H.323 dialing  
Downspeeding™  
Programmable network profiles  
Password protection  
Intelligent Call Management™  
Automatic SPID and line number configuration (National ISDN, GR-2941-CORE)  
SoftMux™  
H.331 Broadcast Mode

## H.323 Network Features

IP precedence (QoS)  
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

## Network Interfaces

3 x ISDN BRI (RJ-45), S-interface  
1 x LAN/Ethernet (RJ-45) 10/100 Mbit (LAN/DSL/cable modem)

## Ethernet / Internet / Intranet Connectivity

TCP/IP, DHCP, ARP, FTP, Telnet, HTTP  
SNMP Enterprise Management  
Internal web server  
Internal streaming server  
Support for the TANDBERG Management Suite  
10/100Mbit full/half duplex (manual or auto detect selection)

## Other Supported ITU Standards

H.320, H.323, H.281, BONDING (ISO 13871), H.231, H.243

## Camera

10 x zoom  
1/3" CCD  
+10°/-15° tilt  
+/-160° pan  
79° vertical field of view  
360° horizontal field of view  
450 (PAL) / 460 (NTSC) horizontal TV lines  
Min. illumination 4 Lux (F1.8)  
Auto focus and white balance  
Auto or manual brightness  
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 Apple QuickTime and RealPlayer v8 etc.)

## System Management

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

## Directory Services

200 number global directory  
100 number local directory including:  
16 dedicated MultiSite™ entries

## 9 selectable menu languages:

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

## Customised boot up logo (jpeg)

## Power

Auto-sensing power supply  
100 - 250V AC, 50 - 60 Hz  
45 watts max.

## Unit Dimensions

Height: 5.1"/13.0cm  
Width: 10.7"/27.3cm  
Depth: 6.0"/15.4cm  
Weight: 4.8lbs/2.2kg

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

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