TANDBERG 550

See mobility.

Design features
- Designed for offices and small meeting rooms
- Compact set-top unit that fits perfectly on any standard television set
- Integrated wide angle view camera with extensive zoom, pan and tilt
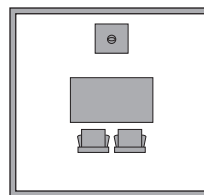- Optional cart and monitor

Application features
- Share files using the PC presentation capabilities provided by the PC *Soft*Presenter[TF] technology
- Streaming capabilities

Performance features
- Choice of network: IP and ISDN
- Bandwidth: up to 384 kbps ISDN / 768 kbps IP
- PC card slot for wireless LAN connection
- Superior video quality incorporating the H.264 standard
- Highest level of standards-based embedded encryption
- Protection against network interruptions with automatic Downspeeding[TF] and IPLR[TF]

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

The TANDBERG 550 is ideal for offices and small meeting rooms.

The TANDBERG 550 provides essential videoconferencing features for face-to-face meetings with the quality and reliability found in all TANDBERG equipment. This highly portable set-top unit provides you with what you need the most for your videoconferencing meetings: clear sound, brilliant pictures and a choice of networks. The system is simple to set-up, simple to use and simple to take care of. The intuitive user interface is common to all TANDBERG systems and makes it easy for even new users to make a call.

UNIT DELIVERED COMPLETE WITH:
Wireless remote control, W.A.V.E. II camera, microphone, and cables

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

VIDEO STANDARDS
H.261, H.263, H.263+, H.264

VIDEO FEATURES
Picture in Picture (PIP)
Intelligent Video Management[TF]

VIDEO INPUTS (1 INPUT)
Built-in main camera
1 x RCA / Phono, composite: document camera / auxiliary / VCR
1 x XGA: PC using VNC (PC *Soft*Presenter[TF])

VIDEO OUTPUTS (3 OUTPUTS)
1 x MiniDin, S-video: main monitor
1 x RCA / Phono, composite: main monitor or VCR
1 x XGA: main monitor

XGA OUTPUT
Output: 640 x 480 – 1024 x 768, 60Hz

VIDEO FORMAT
NTSC, PAL, VGA, SVGA or XGA

LIVE VIDEO RESOLUTIONS
Native NTSC:
4SIF (704 x 480 pixels), Digital Clarity[TF]
SIF (352 x 240 pixels)

Native PAL:
4CIF (704 x 576 pixels), Digital Clarity[TF]
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
Audio mixer
Automatic gain control
VCR ducking

AUDIO INPUTS (2 INPUTS)
1 x microphone, 11V phantom powered, XLR connector
1 x RCA / Phono, Line Level: Auxiliary / VCR

AUDIO OUTPUT (1 OUTPUT)
1 x RCA / Phono, Line Level: Monitor

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[TF]
Programmable network profiles
Intelligent Call Management[TF]
Maximum call length timer
Automatic SPID and line number configuration (National ISDN, GR-2941-CORE)
Soft*Mux*[TF]

EMBEDDED ENCRYPTION
H.320 and H.323 point-to-point and multipoint calls
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[TF] (IPLR[TF])
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
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.241, H.243, H.281, BONDING (ISO 13871), H.320, H.323

W.A.V.E. (WIDE ANGLE VIEW) II CAMERA
10 x zoom
1/4" CCD
+15° / -20° tilt
+ / -95° pan
61° vertical field of view
96° total vertical field of view
77° horizontal field of view
267° total horizontal field of view
460 (PAL) / 470 (NTSC) TV lines
Min. illumination 2 Lux (F1.8)
Auto or manual focus / brightness / white balance
Far-end camera control
15 near and far-end camera pre-sets
Voice-activated camera positioning

PRESENTATIONS AND COLLABORATION
Presenter Package including:
PC *Soft*Presenter[TF]
Digital Clarity[TF]
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 on-screen menu system

DIRECTORY SERVICES
400 number global directory
100 number local directory

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
40 watts max.

UNIT DIMENSIONS
Height: 5.1" / 13.0 cm
Width: 14.9" / 38.0 cm
Depth: 7.9" / 20.0 cm
Weight: 5.0 lbs / 2.3 kg

TF indicates a TANDBERG First

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

CISCO® Compatible