



TANDBERG 150

Business-quality video communication for the individual workspace. This cost-effective solution is easy to use, provides embedded security and allows organizations to bring reliable, face-to-face communication to every employee. Use this portable system to place video and voice calls.

Integrated keypad for both voice and video calls.



DESIGN FEATURES

- Designed for personal video in any workspace
- Elegantly designed all-in-one system
- Integrated 8.4" LCD
- Ergonomically correct camera & screen position
- Integrated keypad for both voice and video calls
- Quick keys for easy control of system
- Speakerphone, headset jack for privacy or optional handset

APPLICATION FEATURES

- Business-quality visual and audio communications
- Simple user interface
- SIP ready
- View Presentations
- Designed for small or large scale deployment through TANDBERG Management Suite
- Optional IM and webconferencing

PERFORMANCE FEATURES

- Up to 512 kbps IP
- Superior video quality incorporating the H.264 standard
- Highest level standards-based embedded encryption (AES) is included
- Protection against network interruptions with automatic Downspeeding and IPLR

UNIT DELIVERED COMPLETE WITH:

8.4" LCD, integrated keypad, integrated camera & microphone, and cables

LCD SCREEN

Wide view angle screen
Manual brightness

BANDWIDTH

H.323 up to 512kbps

VIDEO STANDARDS

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

VIDEO FEATURES

Picture in Picture (PIP)
Intelligent Video Management

LIVE VIDEO RESOLUTIONS**NATIVE NTSC:**

4SIF (704 x 480 pixels), Receive only
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

RECEIVE NATIVE PC RESOLUTIONS:

XGA (1024 x 768 pixels)

SVGA (800 x 600 pixels)

VGA (640 x 480 pixels)

AUDIO STANDARDS

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

AUDIO FEATURES

TANDBERG acoustic echo cancellation
Automatic Gain Control (AGC)
Automatic Noise Reduction

PRIVACY FEATURE

Handset (optional)
Headset, 2.5 mm mini jack with light indication (optional)
Video Privacy (mute) with light indication
Audio Privacy (mute) with light indication
Camera lens cap

FRAME RATES

30 frames per second @ 168 kbps and above

NETWORK FEATURES

IP Downspeeding
Intelligent Packet Loss Recovery (IPLR)
Intelligent Call Management
Maximum call length timer
IP Address Conflict Warning
SIP ready

EMBEDDED ENCRYPTION

Standards-based: H.235 v2&v3, DES and AES
NIST-validated AES
NIST-validated DES
Automatic key generation and exchange

H.323 NETWORK FEATURES

Differentiated Services (DiffServ)
IP precedence
IP type of service (ToS)
IP adaptive bandwidth management (including flow control)
Auto gatekeeper discovery
Dynamic playout and lip-sync buffering
Automatic support for private and public IP addresses using NAT
H.245 DTMF tones
Cisco Call Manager integration using ECS

SECURITY FEATURES

IP Administration Password
Dialing Access code
H.243 MCU Password
Disable IP services
Embedded encryption
Call status light indication

NETWORK INTERFACES

2 x LAN / Ethernet (RJ-45) 10/100 Mbps (LAN/DSL / cable modem)
Internal 2 port Ethernet switch
Power-over-Ethernet (PoE - IEEE 802.3af)

ETHERNET / INTERNET / INTRANET CONNECTIVITY

TCP / IP, DHCP, ARP, FTP, Telnet, SOAP and XML

OTHER MAJOR ITU STANDARDS SUPPORTED

H.225, H.235 v2&v3, H.241, H.243, H.245

CAMERA

1/4" CCD
+10° / -10° tilt
32° Vertical field of view
36° Total vertical field of view
45° Horizontal field of view
48° Total horizontal field of view
460 (PAL) / 470 (NTSC) TV lines
Min. illumination 1.1 Lux (Video Output 50%, AGC ON, Standard lens)
Reference 0.4 Lux (Video Output 50%, AGC ON, F1.4)
Manual focus & brightness
Automatic white balance

CLOSED CAPTIONING/TEXT CHAT

TTY (Telephone Text) support (via 2.5mm headset jack)

SYSTEM MANAGEMENT

Support for the TANDBERG Management Suite
Telnet, XML, SOAP and FTP
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
100 number local directory

POWER

Auto-sensing power supply
100 – 250 VAC, 50 – 60 Hz
12.95 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: 34.6 cm (13.6 inches)
Width: 23 cm (9 inches)
Depth: 20.4 cm (8 inches)
Footprint: 17 cm x 18.5 cm (6.68 inches x 7.3 inches)
Weight: 1.5 kg (3.3 lbs)

** Requires TANDBERG Management Suite 9.0 or newer*

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

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