



TANDBERG Profile 52"

The next generation team-collaboration video solution with 1080p HD resolution. The TANDBERG Profile brings colleagues face-to-face at the touch of a button through a user-friendly interface. Easily share presentations and multimedia to spark ideas and generate better discussions.



Side view

DESIGN FEATURES

- Exclusive Scandinavian design with a clean, sleek look from all angles
- Fully integrated system with 1080p widescreen LCD, PrecisionHD 1080p camera
- Ideal camera and display height for natural communication
- Use of recyclable aluminum materials to support our commitment to the environment

FLEXIBLE OPTIONS

Two display choices: single 52" LCD or dual 52" LCD.
Three base options: Stand-alone option with foot attachment, wheel base for mobility or a wall-mount kit for a smaller footprint.

APPLICATION FEATURES

- 720p30 HD embedded MultiSite with Individual Transcoding
- Clear, smooth HD collaboration with UXGA** and full 1080p HD with superior motion handling

PERFORMANCE FEATURES

- Choice of network up to 6 Mbps point-to-point (H.323/SIP)/up to 10 Mbps MultiSite (H.323/SIP)
- Optimal definition — resolutions up to full 1080p and support 60 fps up to 720p
- 5x Video Inputs
- 3x Video Output
- 4x XLR audio input with individual echo canceller



Single 52" LCD



Dual 52" LCD

GET THE MOST FROM YOUR INVESTMENT. WITH **PROFESSIONAL SERVICES**, TANDBERG EXPERTS SUPPORT TANDBERG PROFILE DEPLOYMENT AND TRAINING. VISIT WWW.TANDBERG.COM

UNIT DELIVERED COMPLETE WITH:

Full HD LCD display, Codec C60, remote control, PrecisionHD 1080p Camera, microphone (3x with single screen; 4x with dual screen), Digital Audio Module, integrated speakers and integrated cabling

MONITOR

Available with:
52" Full HD LCD, 16:9, 1080 x 1920 resolution
Dual monitor option includes 52" Full HD LCD monitors

BASE

Available with:
Floor standing footplate
Wheel base (not available on 52" dual)
Wall mount on pedestal

BANDWIDTH

H.323/SIP up to 6 Mbps point-to-point
H.323/SIP up to 10 Mbps Multisite**
720p30 from 768kbps
720p60 from 1152kbps
1080p30 from 1472kbps

FIREWALL TRAVERSAL

TANDBERG Expressway™ Technology
H.460, 18, H.460.19 Firewall Traversal
SIP ICE

VIDEO STANDARDS

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

VIDEO FEATURES

Native 16:9 Widescreen
Intelligent Video Management
Local Auto Layout
7 embedded individual video compositors — 1 for every output and 1 for every encoder

VIDEO INPUT — LIVE VIDEO RESOLUTION

VIDEO INPUT

2X HDMI INPUTS, SUPPORTED FORMATS:

1920x1080@60, 59.94 Hz (1080p60)
1920x1080@50 Hz (1080p50)
1920x1080@30, 29.97 Hz (1080p30)
1920x1080@25 Hz (1080p25)
1920x1080@24, 23.97 Hz (1080p24)
1280x720@60, 59.94 Hz (720p60)
1280x720@50 Hz (720p50)
720x480@60, 59.94 Hz (480p60)
640x480@60 Hz (480p60)
1600x1200@60, 60 Hz (UXGA)
1280x1024@60, 75 Hz (SXGA)
1024x768@60, 70, 75, 85 Hz (XGA)
800x600@56, 60, 72, 75, 85 Hz (SVGA)
1920x1200@50, 60 Hz (WUXGA)
1680x1050@60 Hz (WSXGA+)
1440x900@60 Hz (WXGA+)
1280x768@60 Hz (WXGA)

2X DVI-I INPUTS, SUPPORTED FORMATS:

Analog (VGA):
1920x1080@60 Hz (1080p)
1280x720@60 Hz (720p)
1600x1200@60 Hz (UXGA)
1280x1024@60, 75 Hz (SXGA)
1280x960@60 Hz
1024x768@60, 70, 75, 85 Hz (XGA)
1920x1200@50 Hz (WUXGA)
1680x1050@60 Hz (WSXGA+)
1440x900@60 Hz (WXGA+)
1280x800@60 Hz (WXGA)
1280x768@60 Hz (WXGA)

Analog (YPbPr)

1920x1080@60 Hz (1080p60)
1920x1080@50 Hz (1080p50)
1920x1080@30 Hz (1080p30)
1920x1080@25 Hz (1080p25)
1280x720@60 Hz (720p60)
1280x720@50 Hz (720p50)
1280x720@30 Hz (720p30)
720x576@50 Hz (576p60)
720x480@60 Hz (w480p60)

Digital (DVI-D)

1920x1080@60, 59.94 Hz (1080p60)
1920x1080@50 Hz (1080p50)
1920x1080@30, 29.97 Hz (1080p30)
1920x1080@25 Hz (1080p25)
1920x1080@24, 23.97 Hz (1080p24)
1280x720@60, 59.94 Hz (720p60)
1280x720@50 Hz (720p50)
720x480@60, 59.94 Hz (480p60)
640x480@60 Hz (480p60)
1600x1200@50, 60 Hz (UXGA)
1280x1024@60, 75 Hz (SXGA)
1024x768@60, 70, 75, 85 Hz (XGA)
800x600@56, 60, 72, 75, 85 Hz (SVGA)
1920x1200@50, 60 Hz (WUXGA)
1680x1050@60 Hz (WSXGA+)
1440x900@60 Hz (WXGA+)
1280x768@60 Hz (WXGA)

VIDEO OUTPUT

1X HDMI OUTPUT, SUPPORTED FORMATS:

1920x1080@60 Hz (1080p60)
1280x720@60 Hz (720p60)
1600x1200@60 Hz (UXGA)
1280x1024@60 Hz (SXGA)
1024x768@60 Hz (XGA)
800x600@60 Hz (SVGA)
640x480@60 Hz (VGA)
1920x1200@60 Hz (WUXGA)
1366x768@60 Hz
1360x768@60 Hz
1280x768@60 Hz (WXGA)

1X DVI-I OUTPUT, SUPPORTED FORMATS:

1920x1080@60 Hz (1080p60)
1280x720@60 Hz (720p60)
1600x1200@60 Hz (UXGA)
1280x1024@60 Hz (SXGA)
1024x768@60 Hz (XGA)
800x600@60 Hz (SVGA)
640x480@60 Hz (VGA)
1920x1200@60 Hz (WUXGA)
1366x768@60 Hz
1360x768@60 Hz
1280x768@60 Hz (WXGA)

1X COMPOSITE OUTPUT (BNC CONNECTOR)

PAL/NTSC
VESA Monitor Power Management
Extended Display Identification Data (EDID)

LIVE VIDEO RESOLUTIONS (ENCODE/DECODE)

176 x 144@30 fps (CIF)
352 x 288@30 fps (CIF)
512 x 288@30 fps (w288p)
576 x 448@30 fps (448p)
768 x 448@30 fps (w448p)
704 x 576@30 fps (4CIF)
1024 x 576@30 fps (w576p)
1280 x 720@30 fps (720p30)
1920 x 1080@30 fps (1080p30)**
640 x 480@30 fps (VGA)
800 x 600@30 fps (SVGA)
1024 x 768@30 fps (XGA)
1280 x 1024@30 fps (SXGA)
1280 x 768@30 fps (WXGA)
1440 x 900@30 fps (WXGA+)
1680 x 1050@30 fps (WSXGA+)
1600 x 1200@30 fps (UXGA)**
1920 x 1200@25 fps (WUXGA)**
512 x 288@60 fps (w288p60)
768 x 448@60 fps (w448p60)
1024 x 576@60 fps (w576p60)
1280 x 720@60 fps (720p60)**

AUDIO STANDARDS

G.711, G.722, G.722.1, 64 kbps & 128 kbps MPEG4 AAC-LD, AAC-LD Stereo

AUDIO FEATURES

CD-Quality 20KHz Mono and Stereo
Four separate acoustic echo cancellers
4-port Audio mixer
Automatic Gain Control (AGC)
Automatic Noise Reduction
Active lip synchronization
ALD (Assistive Listening Devices) support with acoustic echo cancellation

AUDIO INPUTS (7 INPUTS)

4 x microphone, 48V phantom powered, XLR connector each with separate echo cancellers and noise reduction, all microphones can be set for balanced line level
2 x RCA/Phono, Line Level: Stereo PC input, configurable to 2 x RCA/Phono, Line Level: Mono auxiliary/DVD input
1 x HDMI, digital: Stereo PC/DVD inputs

AUDIO OUTPUTS (3 OUTPUTS)

2 x RCA/Phono, line level, stereo main audio, configurable to S/PDIF or 2 x RCA/Phono, line level, mono to recording device
1 x HDMI, digital, stereo main audio

DUAL STREAM

H.239 (H.323) dual stream
BFCP (SIP) dual stream
Support for resolutions up to 1080p30/WUXGA, independent of main stream resolution

MULTISITE FEATURES

4-way 720p30 High Definition SIP/H.323 MultiSite
Full individual audio and video transcoding
Individual layouts in MultiSite CP (Takes out SelfView)
H.323/SIP/VOIP in the same conference
Support for Presentation (H.239/BFCP) from any participant at resolutions up to WUXGAp30
Best Impression (Automatic CP Layouts)
H.264, Encryption, Dual Stream from any site
IP Downspeeding
Dial in/Dial out
Conference rates up to 10 Mbps

PROTOCOLS

H.323

SIP

EMBEDDED ENCRYPTION

H.323/SIP point-to-point
Standards-based: H.235 v2 & v3 and AES
Automatic key generation and exchange
Supported in Dual Stream

IP NETWORK FEATURES

DNS lookup for service configuration
Differentiated Services (QoS)
IP adaptive bandwidth management (including flow control)
Auto gatekeeper discovery
Dynamic playout and lip-sync buffering
H.245 DTMF tones in H.323
Date and Time support via NTP
Packet Loss based Downspeeding
URI Dialing
TCP/IP
DHCP
802.1x Network authentication
ClearPath

SECURITY FEATURES

Management via HTTPS and SSH
IP Administration Password
Menu Administration Password
Disable IP services
Network Settings protection

NETWORK INTERFACES

1 x LAN/Ethernet (RJ-45) 10/100/1000 Mbit

OTHER INTERFACES

USB host for future usage
USB device for future usage
GPIO
Additional 1 x LAN/Ethernet (RJ-45) interface for future usage

PRECISIONHD 1080P CAMERA

1/3" CMOS
12 x zoom
+15°/-25° tilt, +/- 90° pan
43.5° vertical field of view
72° horizontal field of view
Focus distance 0.3m-infinity
1920 x 1080 pixels progressive @ 60fps
Other formats supported (configurable through Dip-switch):
1920x1080@60fps (HDMI only)
1920x1080@50fps (HDMI only)
1920x1080@30fps
1920x1080@25fps
1280x720@60fps
1280x720@50fps
1280x720@30fps
1280x720@25fps

Automatic or manual focus/brightness/whitebalance
Far-end camera control
Daisy-chain support (Visca protocol camera)
Dual HDMI and HD-SDI output
Upside-down mounting with automatic flipping of picture

SYSTEM MANAGEMENT

Support for the TANDBERG Management Suite
Total management via embedded SNMP, Telnet, SSH, XML, SOAP
Remote software upload: via web server, SCP, HTTP, HTTPS
1 x RS-232 for local control and diagnostics
Remote control and on-screen menu system

DIRECTORY SERVICES

Support for Local Directories (My Contacts)
Corporate Directory
Unlimited entries using Server directory supporting LDAP and H.350
Unlimited number for Corporate directory (through TMS)
200 number local directory
Directories in Local Languages
Received Calls with Date and Time
Placed Calls with Date and Time
Missed Calls with Date and Time

POWER

Auto-sensing power supply
100–120/200–240 VAC, 60/50 Hz, 6A max
175 watts max. for codec and main camera

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)

APPROVALS

Directive 73/23/EEC (Low-Voltage Directive)
— Standard EN 60950
Directive 89/336/EEC (EMC Directive)
— Standard EN 55022, Class A
— Standard EN 55024
— Standard EN 61000-3-2/-3-3
Approved according to UL 60950 and CAN/CSA C22.2 No. 60950
Complies with FCC15B Class B

DIMENSIONS

Profile 52"
Height: 63.78"/162 cm
Width: 47.25"/120 cm
Depth: 6.7"/17 cm
Weight: 253.5 lbs/115 kg

Profile 52" Dual
Height: 63.78"/162 cm
Width: 94.5"/240 cm
Depth: 6.7"/17 cm
Weight: 507 lbs/240 kg

*** requires option.
All specifications subject to change without notice, system specifics may vary.*

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MTBF PRODUCT RELIABILITY/MTBF: The predicted reliability

is expressed in the expected random Mean Time Between

Failures (MTBF) for the electronic components based on the

Power On Hours:

Power On Hours (POH) - 69,000 hours

Useful Life Cycle > 6 years

ISO 9001 Certificate is available upon request

TANDBERG Profile 52"

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