



TANDBERG Profile

The next generation 1080p HD team collaboration solution. 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 and Codec C60
- Ideal camera and display height for natural communication
- Use of recyclable aluminium materials to support our commitment to the environment

FLEXIBLE OPTIONS

Three display choices: single 42" LCD, 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
- Four-way 720p30 High Definition SIP/H.323 MultiSite

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
- True CD-quality stereo audio



Single 42" LCD



Single 52" LCD



Dual 52" LCD

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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
Choice of installation configuration: floor stand, wheel base or wall mount on pedestal
Choice of screen size and configuration

MONITOR

Available with:
52" Full HD LCD, 16:9, 1080 x 1920 resolution
42" Full HD LCD, 16:9, 1080 x 1920 resolution

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*

FIREWALL TRAVERSAL

TANDBERG Expressway™ Technology
H.460.18, H.460.19 Firewall Traversal

VIDEO STANDARDS

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

VIDEO FEATURES

Native 16:9 Widescreen
Advanced Screen Layouts
Intelligent Video Management
Local Auto Layout

VIDEO INPUTS (5 INPUTS)

2 X HDMI INPUTS, SUPPORTED FORMATS:

1920 x 1080@60 fps (1080p60)
1920 x 1080@50 fps (1080p50)
1920 x 1080@30 fps (1080p30)
1920 x 1080@25 fps (1080p25)
1280 x 720@60 fps (720p60)
1280 x 720@50 fps (720p50)
640 x 480@60 fps (480p60)
800 x 600@60 fps (SVGA)
1024 x 768@60, 70, 75, 85 fps (XGA)
1280 x 1024@60, 75 fps (SXGA)

2 X DVI-I INPUTS, SUPPORTED FORMATS:

Analog (VGA):
1024 x 768@60, 70, 75, 85 fps (XGA)
1280 x 1024@60, 75 fps (SXGA)
Digital (DVI-D):
1920 x 1080@60 fps (1080p60)
1920 x 1080@50 fps (1080p50)
1920 x 1080@30 fps (1080p30)
1920 x 1080@25 fps (1080p25)
1280 x 720@60 fps (720p60)
1280 x 720@50 fps (720p50)
640 x 480@60 fps (480p60)
800 x 600@60 fps (SVGA)
1024 x 768@60, 70, 75, 85 fps (XGA)
1280 x 1024@60, 75 fps (SXGA)

1 X COMPOSITE INPUT (BNC CONNECTORS)*

PAL/NTSC
Extended Display Identification Data (EDID)

VIDEO OUTPUTS (5 OUTPUTS)

1 X HDMI OUTPUT, 1 X DVI-I OUTPUT, SUPPORTED FORMATS:

1920 x 1080@60fps (1080p60)
1280 x 720@60fps (720p60)
1366 x 768@60fps (WXGA)
1280 x 768@60fps (WXGA)
1024 x 768@60fps (XGA)
1280 x 1024@60fps (SXGA)
640 x 480@60fps (VGA)
800 x 600@60fps (SVGA)

1 X COMPOSITE OUTPUT (BNC CONNECTOR), SUPPORTED FORMATS:

PAL/NTSC
VESA Monitor Power Management

LIVE VIDEO RESOLUTIONS (ENCODE/DECODE)

176 x 144@30fps (QCIF)
352 x 288@30fps (CIF)
512 x 288@30fps (w288p)
576 x 448@30fps (448p)
768 x 448@30fps (w448p)
704 x 576@30fps (4CIF)
1024 x 576@30fps (w576p)
640 x 480@30fps (VGA)
800 x 600@30fps (SVGA)
1024 x 768@30fps (XGA)
1280 x 1024@30fps (SXGA)
1280 x 720@30fps (HD720p30)
1920 x 1080@30fps (HD1080p30)**

AUDIO STANDARDS

G.711, G.722, G.722.1, 64 bit & 128 bit 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

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 in both main stream and dual stream simultaneously

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
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

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*

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/white balance
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
Received Calls
Placed Calls
Missed Calls with Date and Time

POWER

Auto-sensing power supply
100-120/200-240 VAC, 60/50 Hz, 6A max
Maximum power rating 520 watts
Normal power consumption 350 watts

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 2006/95/EC (Low Voltage Directive) — Standard EN 60950-1, 2ed
Directive 2004/108/EC (EMC Directive) — Standard EN 55022, Class B — Standard EN 55024 — Standard EN 61000-3-2/-3-3
Approved according to UL 60950-1 and CSA 60950-1-07
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 42"
Height: 63.78"/162 cm
Width: 38.58"/98 cm
Depth: 6.7"/17 cm
Weight: 202.8 lbs/92 kg

* not supported in version 1

** requires option

*** only one LAN/Ethernet interface supported in version 1

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

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