



TANDBERG Profile 65" Dual

The TANDBERG Profile 65" Dual elevates the video collaboration experience to an entirely new level. With side-by-side 65" LCD monitors, sharing information is easy, intuitive and crystal clear. Designed to integrate into the larger collaboration room, the Profile 65 allows participants to share multimedia content, creating a rich user experience.



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 C90
- Use of recyclable aluminum materials to support our commitment to the environment

APPLICATION FEATURES

- 1080p30 HD embedded MultiSite with Individual Transcoding
- Clear, smooth HD collaboration with UXGA and full 1080p HD with superior motion handling
- Building blocks for demanding applications or specialty system

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
- 8x XLR with individual echo canceller and 8-port audio mixer
- 13x Video Input
- 5x Video Output

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UNIT DELIVERED COMPLETE WITH:

Full HD LCD display, Codec C90, remote control, PrecisionHD 1080p Camera, microphone, Digital Audio Module, integrated speakers and integrated cabling

MONITOR

Two 65" Full HD LCD, 16:9, 1080 x 1920 resolution

BASE

Floor standing footplate

BANDWIDTH

H.323/SIP up to 6 Mbps point-to-point
Up to 10 Mbps total MultiSite bandwidth

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
9 embedded individual video compositors —
1 for every output and 1 for every encoder

VIDEO INPUTS (13 INPUTS)

4 X HDMI INPUTS, SUPPORTED FORMATS:

1920 x 1080@60, 59.94 Hz (1080p60)
1920 x 1080@50 Hz (1080p50)
1920 x 1080@30, 29.97 Hz (1080p30)
1920 x 1080@25 Hz (1080p25)
1920 x 1080@24, 23.97 Hz (1080p24)
1280 x 720@60, 59.94 Hz (720p60)
1280 x 720@50 Hz (720p50)
1280 x 720@30, 29.97 Hz (720p30)
1280 x 720@25 Hz (720p25)
720 x 480@60, 59.94 Hz (480p60)
640 x 480@60 Hz (480p60)
1600 x 1200@60 Hz (UXGA)
1280 x 1024@60, 75 Hz (SXGA)
1024 x 768@60, 70, 75, 85 Hz (XGA)
800 x 600@56, 60, 72, 75, 85 Hz (SVGA)
1920 x 1200@50, 60 Hz (WUXGA)
1680 x 1050@60 Hz (WSXGA+)
1440 x 900@60 Hz (WXGA+)
1280 x 768@60 Hz (WXGA)

4 X HD-SDI INPUTS, SUPPORTED FORMATS:

1920 x 1080@30 Hz (1080p30)
1920 x 1080@25 Hz (1080p25)
1280 x 720@60 Hz (720p60)
1280 x 720@50 Hz (720p50)
1280 x 720@30 Hz (720p30)
1280 x 720@25 Hz (720p25)

2 X DVI-I INPUTS, SUPPORTED FORMATS:

Analog (VGA):
1920 x 1080@60 Hz (1080p)
1280 x 720@60 Hz (720p)
1600 x 1200@60 Hz (UXGA)
1280 x 1024@60, 75 Hz (SXGA)
1280 x 960@60 Hz
1024 x 768@60, 70, 75, 85 Hz (XGA)
1920 x 1200@50 Hz (WUXGA)
1680 x 1050@60 Hz (WSXGA+)
1440 x 900@60 Hz (WXGA+)
1280 x 800@60 Hz (WXGA)
1280 x 768@60 Hz (WXGA)

Analog (YPbPr):

1920 x 1080@60 Hz (1080p60)
1920 x 1080@50 Hz (1080p50)
1920 x 1080@30 Hz (1080p30)
1920 x 1080@25 Hz (1080p25)
1280 x 720@60 Hz (720p60)
1280 x 720@50 Hz (720p50)
1280 x 720@30 Hz (720p30)
720 x 576@50 Hz (576p50)
720 x 480@60 Hz (w480p60)

Digital (DVI-D):

Same as HDMI, ref. above.

2 X YPBPR INPUTS, SUPPORTED FORMATS:

1920 x 1080@60fps (1080p60)
1920 x 1080@50fps (1080p50)
1920 x 1080@30fps (1080p30)
1920 x 1080@25fps (1080p25)
1280 x 720@60fps (720p60)
1280 x 720@50fps (720p50)
1280 x 720@30fps (720p30)
720 x 576@50fps (576p50)
720 x 480@60fps (w480p60)

1 X S-VIDEO/COMPOSITE INPUT (BNC CONNECTORS)

PAL/NTSC
Extended Display Identification Data (EDID)

VIDEO OUTPUTS (5 OUTPUTS)

2 X HDMI OUTPUTS, 2 X DVI-I OUTPUTS, SUPPORTED FORMATS:

1920 x 1080@60 Hz (1080p60)
1280 x 720@60 Hz (720p60)
1600 x 1200@60 Hz (UXGA)
1280 x 1024@60 Hz (SXGA)
1024 x 768@60 Hz (XGA)
800 x 600@60 Hz (SVGA)
640 x 480@60 Hz (VGA)
1920 x 1200@60Hz (WUXGA)
1360 x 768@60 Hz
1366 x 768@60 Hz
1280 x 768@60 Hz (WXGA)

1 X COMPOSITE OUTPUT (BNC CONNECTOR),

SUPPORTED FORMATS:

PAL/NTSC
VESA Monitor Power Management

LIVE VIDEO RESOLUTIONS (ENCODE/DECODE)

176 x 144@30 fps (QCIF)
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)
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 720@30 fps (720p30)
1920 x 1080@30 fps (1080p30)**
1280 x 768@30 fps (WXGA)
1440 x 900@30 fps (WXGA+)
1680 x 1050@30 fps (WSXGA+)
1600 x 1200@30 fps (UXGA)
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 bit & 128 bit MPEG4 AAC-LD,
AAC-LD Stereo

AUDIO FEATURES

CD-Quality 20KHz Mono and Stereo
Eight separate acoustic echo cancellers
8-port Audio mixer
Automatic Gain Control (AGC)
Automatic Noise Reduction
Active lip synchronization

AUDIO INPUTS (4 INPUTS)

8 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
2 x RCA/Phono, Line Level: Stereo auxiliary/DVD input
2 x HDMI, digital: Stereo PC/DVD inputs

AUDIO OUTPUTS (8 OUTPUTS)

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

DUAL STREAM

H.239 (H.323) dual stream
BFCP (SIP) dual stream
Available in MultiSite from any site
Support for resolutions up to 1080p30 in both main stream
and dual stream simultaneously

MULTISITE FEATURES

4-way High Definition SIP / H.323 MultiSite
Full individual audio and video transcoding up to 1080p30
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 and multipoint calls
Standards-based: H.235 v2 & v3 and AES
Automatic key generation and exchange
Supported in Dual Stream & MultiSite

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

SECURITY FEATURES

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

NETWORK INTERFACES

2*** x separate 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/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
Received Calls
Placed Calls
Missed Calls with Date and Time

POWER

Auto-sensing power supply
100–240 VAC, 50/60 Hz
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 2006/95/EC (Low-Voltage Directive)
– Standard EN 60950-1
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

Height: 165 cm (65")
Width: 300 cm (120")
Depth: 15 cm (5.9")
Weight: 300 kg (660 lbs)

* 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 65" Dual

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