

# TANDBERG

## 10/2009 VIDEO PRODUCT MATRIX



Model	Telepresence T3 & T1	T1	Profile	Profile	Profile	Profile 52" 6000 MXP	Profile 3000 MXP	Quick Set C20 Quick Set C20plus	Edge 95 MXP Edge 85 MXP Edge 75 MXP
Feature	HD	HD	HD	HD	HD	HD	HD	HD	HD
<b>Base Price**</b>	T3: \$299,000 T1: \$139,000	\$65,900	65" Dual: \$99,000	65" Single: \$65,900 52" Dual: \$56,900 52" Single: \$44,900 42" Single: \$38,900	42" Single: \$21,900 (Codec C20plus)	\$35,900	\$21,900	\$7,900 \$9,900	\$10,400 \$9,400 \$8,400
<b>Environment</b>	Telepresence Studio T3: 6-9 people T1: 2-3 people	Executive Office or Conference Room	Boardrooms, Auditoriums, Specialized Collaborative Space	Exec Boardroom Large Group	Entry point offering Enable many small rooms	Large Group	Small & Medium Group	Small & Medium Group	Small & Medium Group
<b>Camera</b>	3 x TANDBERG PrecisionHD 1080p Camera (T1: 1 x TANDBERG PrecisionHD 1080p Camera)	TANDBERG PrecisionHD 1080p	TANDBERG PrecisionHD 1080p Camera	TANDBERG PrecisionHD 1080p Camera	TANDBERG PrecisionHD 1080p Camera	TANDBERG PrecisionHD 720p	TANDBERG PrecisionHD 720p	TANDBERG PrecisionHD 1080p 4x or 12x Camera	TANDBERG PrecisionHD 720p
<b>Display</b>	3 x 65" 1080p LCD 3 x 22" LCD touch collaboration screens (T1: 1 of each)	Single 65" 1080p LCD	65" Dual 1080p LCD Display	Choice of 42", 52" or 52" dual 1080p LCD display	42" 1080p LCD Display	52" 1080p LCD Display	42" Plasma	N/A	N/A
<b>Bandwidth (up to)</b>	T3: recommended 12 Mbps IP: SIP & H.323 T1: recommended 4 Mbps IP: SIP & H.323	10 Mbps (total MultiSite BW) & 6 Mbps IP: SIP & H.323	10 Mbps (total MultiSite BW) & 6 Mbps IP: SIP & H.323	10 Mbps (total MultiSite BW*) & 6 Mbps IP: SIP & H.323	6Mb IP: SIP & H.323	6 Mbps (total MultiSite BW) IP: SIP & H.323 2 Mbps ISDN 2 Mbps V.35	2 Mbps IP: SIP & H.323 512kbps ISDN 512kbps V.35 (optional)	6 Mbps IP: SIP & H.323	2 Mbps IP: SIP & H.323 512kbps ISDN
<b>Presentation</b>	DVI (SXGA) In, DuoVideo/H.239 dual stream, 6 x PC Connectors integrated in table (T1: 2x PC Connectors)	DVI (SXGA) In, DuoVideo/H.239 dual stream, Side-by Side, POP, Add See & Share	Soft Presenter, DVI (SXGA) In, DuoVideo/H.239 dual stream, Side-by Side, POP, Add See & Share	Soft Presenter, DVI (SXGA) In, DuoVideo/H.239 dual stream, Side-by Side, POP, Add See & Share	Soft Presenter, DVI (SXGA) In, DuoVideo/H.239 dual stream, Side-by Side, POP, Add See & Share	Soft Presenter, DVI (SXGA) In, DuoVideo/H.239 dual stream, Side-by Side, POP, Add See & Share	Soft Presenter, DVI (SXGA) In, DuoVideo/H.239 dual stream, Side-by Side, POP, Add See & Share	Soft Presenter, DVI (SXGA) In, DuoVideo/H.239 dual stream, Side-by Side, POP, Add See & Share	Soft Presenter, DVI (SXGA) In, DuoVideo/H.239 dual stream, Side-by Side, POP, Add See & Share
<b>Network</b>	Total of 8 x separate LAN/Ethernet (RJ-45) 100/1000 Mbit (4 x Ethernet for future use)	2 x separate LAN/Ethernet (RJ45) 100/1000Mbit (1 x Ethernet for future use) USB host (Future use) USB device (Future use)	2 x separate LAN/Ethernet (RJ45) 100/1000Mbit (1 x Ethernet for future use) USB host (Future use) USB device (Future use)	2 x separate LAN/Ethernet (RJ45) 100/1000Mbit (1 x Ethernet for future use) USB host (Future use) USB device (Future use)	Ethernet 1xUSB 2 (future use)	Ethernet, 6xBRI, V.35, RS449, RS530 Compatible, PRI, T1/E1, USB 2	Ethernet Wireless Ethernet 4xBRI 1xUSB 2 (future use)	Ethernet 1xUSB 2 (future use)	Ethernet Wireless Ethernet 4xBRI 1x USB 2 (future use)
<b>Expressway</b>	Yes, including H.460 18\19	Yes, including H.460 18\19	Yes, including H.460 18\19	Yes, including H.460 18\19	Yes, including H.460 18\19	Yes, including H.460 18\19	Yes, including H.460 18\19	Yes, including H.460 18\19	Yes, including H.460 18\19
<b>MCU</b>	Operates together with Telepresence Server to support multipoint Telepresence conferences and mixed conferences with both Telepresence and regular video endpoints	Up to 4-way High Definition SIP/H.323 MultiSite Full individual audio & video Transcoding & Rate-matching H.264, AES Dual Stream (any site)	Up to 4-way 1080p High Definition SIP/H.323 MultiSite Full individual audio & video Transcoding & Rate-matching H.264, AES Dual Stream (any site)	Up to 4-way 720p High Definition SIP/H.323 MultiSite Full individual audio & video Transcoding & Rate-matching H.264, AES Dual Stream (any site)	N/A	Up to 6 video + 5 audio, Up to 6M total Bandwidth, Transcoding & Rate-matching H.264, AES Dual Stream (any site)	4 video + 3 audio, Up to 2.3M total Bandwidth, Transcoding & Rate-matching H.264, AES Dual Stream (any site)	N/A	4 video + 3 audio (Edge 95 & 85 only), Up to 2.3M total Bandwidth, Transcoding & Rate-matching H.264, AES Dual Stream (any site)
<b>H.264</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>Security</b>	AES encryption H.235 authentication 802.1x authentication	AES encryption H.235 authentication 802.1x authentication	AES encryption H.235 authentication 802.1x authentication	AES encryption H.235 authentication 802.1x authentication	AES encryption H.235 authentication 802.1x authentication	AES & DES encryption H.235 authentication 802.1x authentication	AES & DES encryption H.235 authentication 802.1x authentication SIP Authentication via NTLM SIP Authentication via Digest	AES encryption H.235 authentication 802.1x authentication	AES & DES encryption H.235 authentication 802.1x authentication SIP Authentication via NTLM SIP Authentication via Digest
<b>Privacy</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Stereo/CD Quality</b>	Yes	Yes	Yes	Yes	CD Quality	Yes	Yes	CD Quality	Yes
<b>Microphone</b>	6 x Built-in table mics (one per seat at the table) (2 x for T1)	8 x XLR connectors with individual echo cancellers & noise reduction. All mics can be set for balanced line level	8 x XLR connectors with individual echo cancellers & noise reduction. All mics can be set for balanced line level	4 x XLR connectors with individual echo cancellers & noise reduction. All mics can be set for balanced line level	2 x Performance Mic 20 (4 pin mini-jack connection)	3 x Large XLR	2 x Large XLR	2 x Performance Mic 20 (4 pin mini-jack connection)	2 x Large XLR
<b>Audio Inputs</b>	6x Line level input from PC (integrated with VGA signal cable in table) (T1: 2xLine level input from PC)	2 x RCA/Phono Line Level Stereo main 2 x RCA/Phono Line Level (Stereo to recording device) 4 x HDMI, digital: Stereo PC/DVD inputs	2x RCA/Phono Line Level Stereo main 2xRCA/Phono Line Level (Stereo to recording device) 4xHDMI, digital: Stereo PC/DVD inputs	2x RCA/Phono Line Level Stereo main 1xHDMI, digital: Stereo main audio	2 x RCA/Phono (mixed to mono)	1 x RCA Line Level, 1 x RCA Aux Line Level (or VCR Stereo L), 1 x RCA VCR Line Level (or VCR Stereo R)	1 x RCA Aux Line/ Mic Level (or VCR Stereo L), 1 x RCA VCR Line Level (or VCR Stereo R)	2 x RCA/Phono (mixed to mono)	1 x RCA Aux Line Level (or VCR Stereo L) 1 x RCA VCR Line Level (or VCR Stereo R)
<b>Video Inputs</b>	2 x DVI-I input for document camera or DVD player 2 x RS-232 for control of document camera or DVD player	4 x HDMI 4 x HD-SDI 2 x DVI-I 2 x YPbPr 1 x S-Video/ Composite video	4 x HDMI 4 x HD-SDI 2 x DVI-I 2 x YPbPr 1 x S-Video/ Composite video	2 x HDMI 2 x DVI-I 1 x Composite video	1 x HDMI 1 x DVI-I (WUXGA)	HD Main Camera 1 x S Video 2 x Composite 1 x DVI-I (SXGA), 1 x Ethernet-VNC (SXGA)	HD Main Camera 1 x S Video 2 x Composite 1 x DVI-I (SXGA), 1 x Ethernet-VNC (SXGA)	1 x HDMI 1 x DVI-I (WUXGA)	HD Main Camera 1 x S Video 2 x Composite 1 x DVI-I (SXGA), 1 x Ethernet-VNC (SXGA)
<b>Video Outputs</b>	2 x HDMI output for external collaboration screen or DVD player	2 x HDMI 2 x DVI-I (XGA) 2 x Composite video	2 x HDMI 2 x DVI-I (XGA) 2 x Composite video	1 x HDMI 1 x DVI-I 1 x Composite	2 x HDMI	2 x S Video 2 x Composite 2 x DVI-I (XGA)	1 x S Video 2 x Composite 1 x DVI-I (XGA)	2 x HDMI	1 x S Video 2 x Composite 1 x DVI-I (XGA)
<b>Integration Control</b>	N/A, dedicated solution	Yes	Yes	Yes	Yes, basic control through Telnet/SSH	Yes	Yes	Yes, basic control through Telnet/SSH	N/A
<b>IPv6 Compliant</b>	Yes*	Yes*	Yes*	Yes*	Yes*	Yes	Yes	Yes*	Yes

\* Not available in first software release \*\* TANDBERG recommends including software options and maintenance for the best experience

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



Model	1700 MXP	Video VoIP E20	1000 MXP	150 MXP	990 MXP 880 MXP 770 MXP	550 MXP	Codec C90 & Integration Package	Codec C60 & Integration Package	6000 MXP Codec & Integration Package	3000 MXP Codec & Integration Package
Feature	HD						HD	HD	HD	HD
<b>Base Price**</b>	\$7,990	\$1,490	\$4,990	\$1,990	\$8,990 \$7,990 \$6,990	\$4,990	\$32,900 \$37,900	\$21,900 \$26,900	\$18,990 \$22,400	\$13,990 \$17,400
<b>Environment</b>	Executive Office	Desk Video Phone	Office	Desk	Small & Medium Group	Small Group	Integration into Telepresence Suites, Collaboration Walls and more!	Integration into Team Collaboration rooms, boardrooms, industry applications and more!	Large Room Integration	Small & Medium Room Integration
<b>Camera</b>	Compact HD 1/3" CMOS	Built-in 1/2.5" CMOS	Built-in 1/4" CCD	Built-in 1/4" CCD	TANDBERG WAVE II	TANDBERG WAVE II	TANDBERG PrecisionHD 1080p Camera (Integration Package)	TANDBERG PrecisionHD 1080p Camera (Integration Package)	TANDBERG PrecisionHD 720p (Integration Package)	TANDBERG PrecisionHD 720p (Integration Package)
<b>Display</b>	20" Widescreen LCD	10.6" widescreen LCD	12.1" LCD	8.4" LCD	N/A	N/A	N/A	N/A	N/A	N/A
<b>Bandwidth (up to)</b>	2 Mbps IP: SIP & H.323	1152kbps SIP	768kbps IP: SIP & H.323 384kbps ISDN	512kbps IP: SIP & H.323	Up to 2 Mbps IP 512k ISDN 512k V.35 (optional)	768kbps IP: SIP & H.323 384kbps ISDN	10 Mbps (total MultiSite BW) & 6 Mbps IP: SIP & H.323	10 Mbps (total MultiSite BW) & 6 Mbps IP: SIP & H.323	6 Mbps (total MultiSite BW) IP: SIP & H.323, 2 Mbps ISDN, 2Mb V.35	2 Mbps IP: SIP & H.323 512kbps ISDN
<b>Presentation</b>	Soft Presenter, DVI (SXGA) In, DuoVideo/H.239 dual stream, Side-by-Side, POP, Add See & Share	Receive DuoVideo on SIP BFCP Add See & Share	Soft Presenter, DVI (SXGA) In, DuoVideo/H.239 dual stream, Side-by-Side, Add See & Share	Receive XGA, Add See & Share	Soft Presenter, DVI (SXGA) In, DuoVideo/H.239 dual stream, Side-by-Side, POP, Add See & Share	Soft Presenter, Receive XGA, Side-by-Side, Add See & Share, 1 x Ethernet-VNC (SXGA)	DVI (UXGA*) In, DuoVideo/H.239 dual stream, Side-by-Side, POP, Add See & Share	DVI (UXGA*) In, DuoVideo/H.239 dual stream, Side-by-Side, POP, Add See & Share	Soft Presenter, DVI (SXGA) In, DuoVideo/H.239 dual stream, Side-by-Side, POP, Add See & Share	Soft Presenter, DVI (SXGA) In, DuoVideo/H.239 dual stream, Side-by-Side, POP, Add See & Share
<b>Network</b>	Internal 2-port Ethernet Switch, 2 x LAN/Ethernet (RJ-45) 10/100 Mbit (1 for PC, 1 for LAN) 1xUSB 2 (future use)	Internal 2-port Ethernet Switch, 2 x LAN/Ethernet (RJ-45) 10/100/1000 Mbit (1 for PC, 1 for LAN) 1xUSB 2 (future use)	Ethernet, Wireless Ethernet 3xBRI 1xUSB 2 (future use)	2 x Ethernet	Ethernet Wireless Ethernet 4xBRI 1xUSB 2 (future use) V.35 optional	Ethernet, Wireless Ethernet 3xBRI 1xUSB 2 (future use)	2 x separate LAN/Ethernet (RJ45) 100/1000Mbit (1 x Ethernet for future use) USB host (Future use) USB device (Future use)	2 x separate LAN/Ethernet (RJ45) 100/1000Mbit (1 x Ethernet for future use) USB host (Future use) USB device (Future use)	Ethernet 6xBRI, V.35, RS449, RSS30 Compatible PRI, T1/E1, USB 2	Ethernet Wireless Ethernet 4xBRI 1xUSB 2 (future use)
<b>Expressway</b>	Yes, including H.460 18\19	N/A	Yes, including H.460 18\19	Yes, including H.460 18\19	Yes, including H.460	Yes, including H.460 18\19	Yes, including H.460 18\19	Yes, including H.460 18\19	Yes, including H.460 18\19	Yes, including H.460 18\19
<b>MCU</b>	4 video + 3 audio, Up to 2.3M total Bandwidth, Transcoding & Rate-matching H.264, AES Dual Stream (any site)	N/A	N/A	N/A	4 video + 3 audio, Up to 2.3M total Bandwidth, Transcoding & Rate-matching H.264, AES Dual Stream (any site)	N/A	Up to 4-way High Definition SIP/H.323 MultiSite Full individual audio & video Transcoding & Rate-matching H.264,AES Dual Stream (any site)	Up to 4-way 720p High Definition SIP/H.323 MultiSite Full individual audio & video Transcoding & Rate-matching H.264, AES Dual Stream (any site)	Up to 6 video + 5 audio, Up to 6M total Bandwidth, Transcoding & Rate-matching H.264, AES Dual Stream (any site)	4 video + 3 audio, Up to 2.3M total Bandwidth, Transcoding & Rate-matching H.264, AES Dual Stream (any site)
<b>H.264</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>Security</b>	AES & DES encryption H.235 authentication 802.1x authentication SIP Authentication via NTLM SIP Authentication via Digest	TLS authentication and SRTP media encryption	AES & DES encryption H.235 authentication 802.1x authentication SIP Authentication via NTLM SIP Authentication via Digest	AES & DES encryption H.235 authentication 802.1x authentication	AES & DES encryption H.235 authentication 802.1x authentication SIP Authentication via NTLM SIP Authentication via Digest	AES & DES encryption H.235 authentication 802.1x authentication SIP Authentication via NTLM SIP Authentication via Digest	AES & DES encryption H.235 authentication 802.1x authentication	AES & DES encryption H.235 authentication 802.1x authentication	AES & DES encryption H.235 authentication 802.1x authentication SIP Authentication via NTLM SIP Authentication via Digest	AES & DES encryption H.235 authentication 802.1x authentication SIP Authentication via NTLM SIP Authentication via Digest
<b>Privacy</b>	Headphones	Handset, Headset, Bluetooth ready	Headset	Handset, Headset	N/A	N/A	N/A	N/A	N/A	N/A
<b>Stereo/CD Quality</b>	Yes	CD Quality	CD Quality	N/A	Yes	CD Quality	Yes	Yes	Yes	Yes
<b>Microphone</b>	Built In	Built In	Built In	Built In	2 x Large XLR	1 x Large XLR	8 x XLR connectors with individual echo cancelers & noise reduction. All mics can be set for balanced line level	4 x XLR connectors with individual echo cancelers & noise reduction. All mics can be set for balanced line level	3 x Large XLR (3rd Mic Input can be set for line level)	2 x Large XLR
<b>Audio Inputs</b>	3.5mm jack for headset 3.5mm jack for PC	RJ9 port for headset	2.5mm jack for Headset	N/A	1 x RCA Aux Line Level (or VCR Stereo L) 1 x RCA VCR Line Level (or VCR Stereo R)	1 x RCA Aux Line Level	2x RCA/Phono Line Level Stereo main 2xRCA/Phono Line Level (Stereo to recording device) 4xHDMI, digital: Stereo PC/DVD inputs	2x RCA/Phono Line Level Stereo main 1xHDMI, digital: Stereo main audio	1 x RCA Line Level 1 x RCA Aux Line Level (or VCR Stereo L) 1 x RCA VCR Line Level (or VCR Stereo R)	1 x RCA Aux Line/Mic Level (or VCR Stereo L) 1 x RCA VCR Line Level (or VCR Stereo R)
<b>Video Inputs</b>	HD Main Camera 1 x DVI-I (SXGA), 1 x Ethernet-VNC (SXGA)	N/A	Main Camera 1 x DVI-I (SXGA), 1 x Ethernet-VNC (SXGA)	Main Camera	Main Camera 1 x S Video 1 x Composite 1 x DVI-I (SXGA)	1 x S Video 1 x Composite, 1 x Ethernet-VNC (SXGA)	4 x HDMI 4 x HD-SDI 2 x DVI-I 2 x YPbPr 1 x S-Video/Composite video	2 x HDMI 2 x DVI-I 1 x Composite video	HD Main Camera 1 x S Video 2 x Composite 1 x DVI-I (SXGA), 1 x Ethernet-VNC (SXGA)	HD Main Camera 1 x S Video 2 x Composite 1 x DVI-I (SXGA), 1 x Ethernet-VNC (SXGA)
<b>Video Outputs</b>	N/A	N/A	N/A	N/A	1 x S Video 1 x Composite 1 x DVI-I	1 x S Video 1 x Composite 1 x DVI-I	2 x HDMI 2 x DVI-I (XGA) 2 x Composite video	1 x HDMI 1 x DVI-I 1 x Composite	2 x S Video 2 x Composite 2 x DVI-I (XGA)	1 x S Video 2 x Composite 1 x DVI-I (XGA)
<b>Integration Control</b>	N/A	N/A	N/A	N/A	Yes	N/A	Yes	Yes	Yes	Yes
<b>IPv6 Compliant</b>	Yes	Yes*	Yes	Yes	Yes	Yes	Yes*	Yes*	Yes	Yes

\* Not available in first software release

\*\* TANDBERG recommends including software options and maintenance for the best experience