

Technical Specifications



	TalkShow VS 4000
Skype Channels	Up to 4 simultaneous
Hardware Video Input	4 x HD-SDI with embedded audio
Hardware Video Output	5 x HD-SDI with embedded audio
Hardware Audio Input	• 4 x embedded SDI audio • 2 x balanced XLR (line)
Hardware Audio Output	• 5 x embedded SDI audio • 2 x balanced XLR (line)
IP Networking	Video and audio over IP via NewTek NDI®
Call Video Configuration	Fully configurable color correction settings, including white balance, proc amp controls and auto color
Return Video Configuration	Selectable video source for return to each Skype caller
Call Audio Configuration	Fully configurable audio settings, including gain control, seven-band equalizer, compressor/limiter, and noise gate
Return Audio Configuration	Selectable audio source and mix-minus channel control for return to each Skype® caller
Talk Back	Supports direct, off-air communication between operator and caller(s) via headset
Video Monitoring	2 x HDMI monitor ports and configurable multiviewer workspace with selectable layouts and optional overlays
Audio Monitoring	1 x stereo 1/4" phone jack and on-screen audio VU metering
Call Management	Skype TX controller software included
Supported Input Formats	• 1080i – 50, 59.94 • 1080p – 23.98, 25, 29.97 • 720p – 24, 25, 29.97, 50, 59.94 • 576i – 50 • 480i – 59.94
Supported Output Formats	• 1080i – 50, 59.94 • 1080p – 25, 29.97 • 720p – 25, 29.97, 50, 59.94 • 576i – 50 • 480i – 59.94
Call Recording	Supported via integration with external hardware running NewTek IsoCorder™ applications
Tally	Hardware tally via HD15 GPI connector or network tally via NewTek NDI
Watermark	Optionally supports Skype logo watermark on output
Control Interface	Direct mouse and keyboard USB interface required
GPI	HD15 GPI connector
Reference	Genlock input supporting SD (Bi-level) or HD (Tri-level) and +4dBu audio reference level
Signal Monitoring	Integrated Waveform and Vectorscope, full field rate with digital calibration, color preview and support for ITU-R Rec. 601
Call Processing	Auto aspect ratio conversion, call quality monitoring and automatic failover to snapshot with audio when bandwidth falls below operator-defined preset
System Processing	• Video: Floating Point, YCbCr +A 4:4:4 • Audio: Floating Point, 96 kHz
Standards	• HD-SDI video conforms to SMPTE 292M • SD-SDI video conforms to SMPTE 259M
NIC	2 x 1 Gigabit NIC
System Fail-Safe	Multi-tiered fail-safe system and comprehensive system restore
System Physical	• 1RU chassis with 180W PSU • 19.0 x 1.75 x 16.75 in (48.3 x 4.5 x 42.5 cm) with rack ears attached • 15 lbs (6.8 kg)