TriCaster Mini Advanced Technical Specifications

Video Input	*8 x simultaneous external video inputs, supporting any combination of compatible sources*
Network Video Input	8 x IP video inputs via NDI®, resolution-independent, with support for key and fill
Digital Video Input	4 x digital video connections (HDMI or SDI, depending on model) supporting video input in any combination of standard formats, resolutions, and frame rates[1] • 1080p: 29.97, 25 • 1080i: 59.94, 50 • 720p: 59.94, 50, 29.97, 25 • SD: 59.94, 50, 25 *1 Available frame rates determined by session video standard (NTSC or PAL)*
PTZ	Support for up to 8 simultaneous Pan-Tilt-Zoom (PTZ) robotic cameras via serial and network protocols, including RS232, RS422, and IP, with integrated controls and preset system
Skype TX	Native support for up to 2 simultaneous Skype® video call inputs via Skype TX software integration, including tally and Talk Back communication
Video Output	Configurable for up to 4 independent video mix outputs, with simultaneous digital and IP delivery
Network Video Output	4 x independent IP video mix outputs via NDI®
Digital Video Output	2 x independently configurable digital video outputs (HDMI or SDI, depending on model)
Stream Output	2 x streaming video output, independently configurable, with simultaneous stream archive
Monitor Outputs	4 x Mini DisplayPort with multiviewer
Mix/Effect Buses (M/E)	4 x M/E buses, each supporting 2 configurable sources and 2 configurable KEY layers 1 x PREVIZ configuration and preview bus
DSK Channels	2 x DSK channels
Media	4 x media players • 2 x DDR • 1 x GFX • 1 x Sound 15 x media buffers • 5 x animation buffers • 10 x graphic buffers
Keyers	Integrated LiveMatte™ chroma and luma keying technology on all source channels and M/E buses
Virtual Sets	Integrated LiveSet™ technology with 30+ live virtual sets and box effects included
DataLink	Integrated DataLink™ technology enabling real-time, automated data input from internal and external sources, including webpages, spreadsheets, scoreboards, databases, RSS feeds, watch files, XML, CSV, ASCII and more
Macros	Record, store, edit and automate commands and user-configured operation sequences • Attach to control panel buttons, keyboard shortcuts, hotspots, MIDI and X-keys® buttons or GPI triggers • Attach to internal events and state changes, including audio, media playback, tally and specific switcher actions • Supports control via web-based interface
Recording	5 x configurable video recording channels via IsoCorder™ technology • 4 x QuickTime® archival video recorders (XDCAM HD compatible, 4:2:2 encoding, 24-bit audio, with timecode)[2] • 1 x H.264 distribution video recorders (multiple profiles) • 1 x MP3 audio recorder *2 QuickTime Player not required for playback in common NLE applications*
Storage	**1 x 1TB internal drive** • Capacity varies by format, resolution and file specification • Supports recording to external storage via USB 3.1 and USB-C • Supports shared storage integration and third-party partner solutions
Grab	Grab full-resolution, deinterlaced still images from external video sources and outputs
Export	Export video and image files to social media, FTP, local or external volumes, and network servers, with optional transcoding

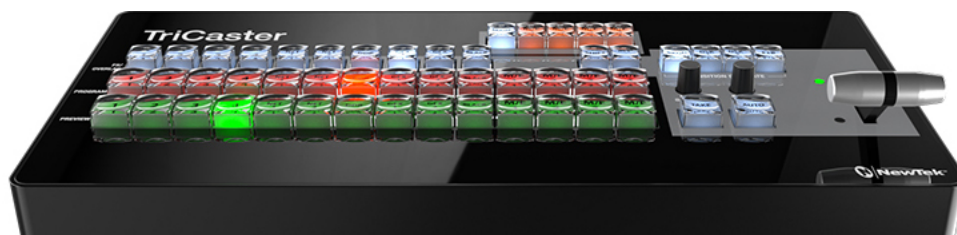|	
Audio Mixing	Integrated multi-channel audio mixer with configurable DSPs, 4 x 4 x 4 audio input channel routing, and 4 independent output mixes
Local Audio Input	4 x embedded digital audio inputs (HDMI or SDI, depending on model) 1 x 1/4" (6.35 mm) balanced mic 2 x 1/4" (6.35 mm) balanced line
Local Audio Output	2 x embedded digital audio outputs (HDMI or SDI, depending on model) 2 x 1/4" (6.35 mm) balanced line 1 x 1/4" (6.35 mm) stereo headphones jack
Network Audio	• Native support for network audio input and output via NDI® • Embedded audio supported for all NDI® input and output video signals • Integrated support[3] for Dante™ networking protocol from Audinate® 3*Requires Dante Virtual Soundcard license from Audinate (sold separately)*
Supported Media File Formats	Import, store, and play back multimedia files, with optional transcoding, including: • Video: AVI, DV, DVCPro, DVCProHD, FLV, F4V, H.263, H.264, MOV, MKV, MJPEG, MPEG, MP4, WMV, WebM, and more • Image: PSD, PNG, TGA, BMP, JPEG, JPEG-XR, JPEG2000, EXR, RAW, TIF, WebP, and more Audio: AIFF, MP3, WAV, and more
Signal Monitoring	Integrated waveform and vectorscope, full field rate with digital calibration, color preview and support for ITU-R Rec. 709
Processing	Video: Floating Point YCbCr +A 4:4:4:4 Audio: Floating Point, 96 kHz
Throughput Latency	~1.0-2.0 frames
Tally	Support for network tally via NDI®
MIDI	Support for standard MIDI protocol enabling third-party device control
NIC	2 x 1 Gigabit NIC
System Physical	NewTek Mini system chassis, including adjustable handle and cable retention bracket • 4.6 x 9.2 x 7.9 in (11.7 x 23.4 x 20.1 cm) • 9 lbs (4.1 kg)

Subject to change without notice.

TriCaster Mini Control Surface

With TriCaster Mini Advanced, you have your choice of companion control panels to suit your workflow, environment, and budget. The TriCaster Mini Control panels are expertly engineered to combine the comprehensive functionality, precision controls, premium hardware mechanics, and ergonomic design that operators need, with modern styling that appeals to clients and executives.

	TriCaster Mini Control Surface
Source Buttons	14 x switcher source buttons
	4 x M/E source buttons
T-Bar	1 x multi-mode T-Bar
Connectivity	USB
Physical	TriCaster Mini Control Surface
	~16.6 x 2.25 x 8 in (42.10 x 20.32 x 5.72 cm)

TriCaster Mini Advanced

TriCaster Mini control Surface

Panel appearance subject to change without notice.