

TriCaster Mini 4K Technical Specifications

Network Video Input	<p>8 x IP video inputs via NDI®, resolution-independent, NDI inputs supporting video input in any combination of standard formats, resolutions, and frame rates⁽¹⁾</p> <ul style="list-style-type: none"> • 2160p: 59.94, 50, 29.97, 25 • 1080p: 59.94, 50, 29.97, 24 • 1080i: 59.94, 50 • 720p: 59.94, 50, 29.97, 25 • SD: 59.94, 50, 25 <p><i>(1) Available frame rates determined by model and session video standard (NTSC or PAL)</i></p>
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 Native
Skype TX	support for up to 2 simultaneous Skype® video call inputs via Skype TX software integration, including tally and Talk Back communication
Network Video Output	4 x independent IP video mix outputs via NDI®
Stream Output	2 x streaming video output, independently configurable, with simultaneous stream archive
Monitor Outputs	<p>4 x Mini Display Port with output adapters</p> <p>3 x of the outputs support multiviewers using standard display resolutions</p>
Mix/Effect Buses (M/E)	<p>4 x M/E buses supporting video re-entry</p> <p>1 x Mix/Effect channel per bus with support for up to 2 sources</p> <p>2 x KEY layers per bus</p>
DSK Channels	2 x DSK channels
Media	<p>4 x media players</p> <ul style="list-style-type: none"> • 2 x DDR • 2 x GFX • 1 x Sound <p>15 x media buffers</p> <ul style="list-style-type: none"> • 5 x animation buffers • 10 x graphic buffers
Keyers	<p>Integrated LiveMatte™ chroma and luma keying technology on all source channels and M/E buses</p> <ul style="list-style-type: none"> • 8 x input keyers • 2 x media player keyers • 4 x M/E keyers • 15 x buffer keyers
COMP	<p>Integrated video composition engine on the switcher and each M/E bus to create, store, and apply layer configurations and DVE-style motion sequences</p> <p>16 x configurable COMP presets per bus</p>
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	<p>Record, store, edit and automate commands and user-configured operation sequences</p> <ul style="list-style-type: none"> • Attach to control panel buttons, keyboard shortcuts, MIDI and X-keys® buttons • Supports control via web-based interface
Recording	<p>4 x recording channels from either NDI® inputs or Mix output</p> <ul style="list-style-type: none"> • Records and retains alpha channel data
Signal Monitoring	Integrated waveform and vectorscope, full field rate with digital calibration, color preview and support for ITU-R Rec. 709
Storage	<ul style="list-style-type: none"> • Capacity varies by format, resolution and file specification • Supports recording to external storage via USB 3.0
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 support for stereo audio, and DSP's
Local Audio Input	1 x 1/4" (6.35 mm) balanced mic 2 x 1/4" (6.35 mm) balanced line
Local Audio Output	2 x 1/4" (6.35 mm) balanced line 1 x 1/4" (6.35 mm) stereo headphones jack
Network Audio	<ul style="list-style-type: none"> • Native support for network audio input and output via NDI® • Embedded audio supported for all NDI® input and output video signals • Integrated support³ for Dante™ networking protocol from Audinate® <p>³Requires Dante Virtual Soundcard license from Audinate (sold separately) ⁵Requires third-party virtual sound card license (sold separately)</p>
Supported Media File Formats	Import, store, and play back multimedia files, with optional transcoding, including: <ul style="list-style-type: none"> • 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
Processing	Video: Floating Point YCbCr +A 4:4:4:4 Audio: Floating Point, 96 kHz
Latency	Processing Latency: ~1.0-1.5 frames Practical Throughput Latency: 4 frames
A/V Standards	HD-SDI video conforms to SMPTE 292M SD video conforms to SMPTE 259M and ITU-R BT.656 Analog audio levels conform to SMPTE RP-155
Tally	Support for network tally via NDI®
MIDI	Support for standard MIDI protocol enabling third-party device control
System Drive	250GB SSD
PoE	4 PoE+ (802.3at) Ports* 60 Watt power capability**
NIC	2 x 1 Gigabit NIC
System Physical	System chassis, including adjustable cable retention bracket <ul style="list-style-type: none"> • 4.6 x 9.2 x 7.9 in (11.7 x 23.4 x 20.1 cm) • 9 lbs (4.1 kg)

*PoE devices must be connected indoors and in the same building as the TriCaster.

**Devices can be connected on all four ports, and an ideal setting is either all 4 ports via PoE or two ports connected and supplying PoE+, or some combination of the two.

Subject to change without notice.

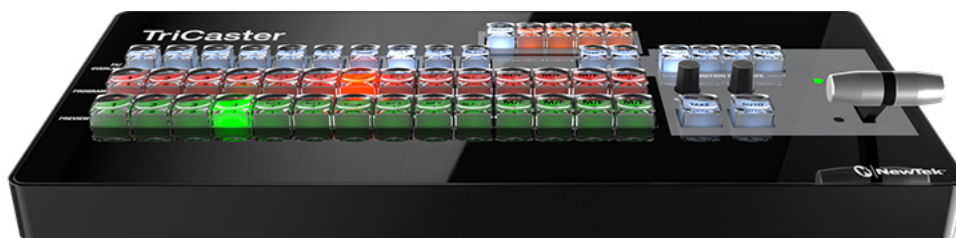
TriCaster Mini Control Surface

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 4K



TriCaster Mini control Surface

Panel appearance subject to change without notice.