

# Technical Specifications



## TriCaster Mini

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<sup>1</sup></p> <ul style="list-style-type: none"> <li>• 2160p: 59.94, 50, 29.97, 25, 24, 23.976</li> <li>• 1080p: 59.94, 50, 29.97, 25, 24, 23.976</li> <li>• 1080i: 59.94, 50</li> <li>• 720p: 59.94, 50, 29.97, 25</li> <li>• SD: 59.94, 50, 25</li> </ul> <p><sup>1</sup>Available frame rates determined by model and session video standard (NTSC or PAL)</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
Network Video Output	2 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 HDMI output adapters</p> <p>2 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> <ul style="list-style-type: none"> <li>• 1 x Mix/Effect channel per bus with support for up to 2 sources</li> <li>• 2 x KEY layers per bus</li> <li>• 9 x memory slots per bus</li> </ul>
DSK Channels	2 x DSK channels
Media	<p>5 x media players</p> <ul style="list-style-type: none"> <li>• 2 x DDR</li> <li>• 2 x GFX</li> <li>• 1 x Sound</li> </ul> <p>15 x media buffers</p> <ul style="list-style-type: none"> <li>• 5 x animation buffers</li> <li>• 10 x graphic buffers</li> </ul>
Keyers	<p>Integrated LiveMatte™ chroma and luma keying technology on all source channels and M/E buses</p> <ul style="list-style-type: none"> <li>• 8 x input keyers</li> <li>• 2 x media player keyers</li> <li>• 4 x M/E keyers</li> <li>• 15 x buffer keyers</li> </ul>

COMP	Integrated video composition engine on the switcher and each M/E bus to create, store, and apply layer configurations and DVE-style motion sequences 16 x configurable COMP presets per bus
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
Recording	4 x recording channels from either NDI® inputs or Mix outputs (10 x with Premium Access) <ul style="list-style-type: none"> <li>Records and retains alpha channel data</li> <li>4 x QuickTime® archival video recorders (Native NDI Codec for recording)<sup>2</sup></li> </ul> <p><sup>2</sup>QuickTime Player not required for playback in common NLE applications</p>
Storage	<ul style="list-style-type: none"> <li>Capacity varies by format, resolution and file specification</li> <li>Supports recording to external storage via USB 3.0</li> </ul>
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"> <li>Native support for network audio input and output via NDI®</li> <li>Embedded audio supported for all NDI® input and output video signals</li> <li>Integrated support<sup>3</sup> for Dante™ networking protocol from Audinate®</li> </ul> <p><sup>3</sup>Requires Dante Virtual Soundcard license from Audinate (sold separately) <sup>5</sup>Requires 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"> <li>Video: AVI, DV, DVCPPro, DVCPProHD, FLV, F4V, H.263, H.264, MOV, MKV, MJPEG, MPEG, MP4, WMV, WebM, and more</li> <li>Image: PSD, PNG, TGA, BMP, JPEG, JPEG-XR, JPEG2000, EXR, RAW, TIF, WebP, and more</li> <li>Audio: AIFF, MP3, WAV, and more</li> </ul>
Processing	Video: Floating Point YCbCr +A 4:4:4:4 Audio: Floating Point, 96 kHz
Throughput Latency	~1.0-1.5 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	System chassis, including adjustable cable retention bracket <ul style="list-style-type: none"> <li>4.6 x 9.2 x 7.9 in (11.7 x 23.4 x 20.1 cm)</li> <li>9 lbs (4.1 kg)</li> </ul>

*Subject to change without notice.*