



## One Sheet & Technical Specifications

Create, produce and stream your stories, your way.

TriCaster Mini S is a software-based video production solution that brings together the might of the world's best live production solution, TriCaster, with the flexibility to deploy it on the hardware that works for you – available with either perpetual or subscription licence options. It's the perfect live production solution for streamers, podcasters, corporate, educational, medical, governmental, religious, and digital media streaming environments.

You don't have to be a video expert to tell your story with broadcast-quality results. With TriCaster Mini S, you can be on your way to making a show in resolutions up to UHD for delivery to any platform you want, within minutes of getting started. Not only this, with Mini S, Vizrt will provide superior support for new storytellers to assist in getting started. TriCaster Mini S offers live production with hundreds of amazing features as well as the world's best IP video connectivity built at its core.

### Superior Accessibility



Downloadable from Vizrt.com, TriCaster Mini S offers users not only the choice of selecting their own hardware from our certified hardware options but also the flexibility of a subscription or perpetual license – making it the perfect way to start a journey with TriCaster, no matter your budget.

### Supercharged Software

TriCaster Mini S includes a robust support package as well as guaranteed product updates as soon as they are released. TriCaster Graphics, powered by Viz Flowics also comes as standard giving users industry leading graphics at their fingertips.



### Sophisticated Production



Built with NDI at its core, Mini S offers powerful 4Kp60 quality, perfect for streaming, podcasting, small corporate townhalls and live events. Equipped with 8 live inputs, 2 DDR players, 4 MEs, and vertical sessions all built in. Plus, many more sophisticated production features.





## Technical Specifications

<b>Network Video Input</b>	8 x total 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> <ul style="list-style-type: none"><li>• 2160p 59.94, 50, 29.97, 25</li><li>• 1080p: 59.94, 50, 29.97, 25</li><li>• 1080i: 59.94, 50</li><li>• 720p: 59.94, 50, 29.97, 25</li><li>• SD: 59.94, 50, 25</li></ul> <sup>1</sup> Available frame rates determined by session video standard (NTSC or PAL)
<b>PTZ</b>	Support for up to 8 simultaneous Pan-Tilt-Zoom (PTZ) robotic cameras via NDI with integrated controls and preset system. Control connections will vary based on hardware.
<b>Network Video Output</b>	IP video output via NDI, optionally configurable for: <ul style="list-style-type: none"><li>• 4 x independent video mix outputs</li><li>• 1 x UHD video mix output</li></ul>
<b>Stream Output</b>	2 x resolution-independent streaming video outputs, independently configurable and controllable, with simultaneous stream archive
<b>Monitor Outputs</b>	UI and multiview outputs available via onboard GPU outputs
<b>Mix/Effect Buses (M/E)</b>	4 x M/E buses supporting video re-entry <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></ul>
<b>DSK Channels</b>	2 x DSK channels
<b>Media</b>	4 x media players <ul style="list-style-type: none"><li>• 2 x DDR</li><li>• 1X GFX</li><li>• 1 x Sound</li></ul> 15 x media buffers <ul style="list-style-type: none"><li>• 5 x animation buffers including GIF support</li><li>• 10 x graphic buffers</li></ul>
<b>Keyers</b>	Integrated LiveMatte™ chroma and luma keying technology on all source channels and M/E buses <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></ul> 15 x buffer keyers
<b>COMPs</b>	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
<b>Virtual Sets</b>	Integrated LiveSet™ technology with 30+ live virtual sets and box effects included
<b>DataLink</b>	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
<b>Macros</b>	Record, store, edit and automate commands and user-configured operation sequences <ul style="list-style-type: none"><li>• Attach to control panel buttons, keyboard shortcuts, hotspots, MIDI and X-keys® buttons or GPI triggers</li><li>• Attach to internal events and state changes, including audio, media playback, tally and specific switcher actions</li></ul> Supports control via web-based interface
<b>Recording</b>	4 x recording channels from either NDI® inputs or Mix outputs <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> <sup>2</sup> QuickTime Player not required for playback in common NLE applications

<b>Signal Monitoring</b>	Integrated waveform and vectorscope, full field rate with digital calibration, color preview and support for ITU-R Rec. 709
<b>Grab</b>	Grab full-resolution, deinterlaced still images from external video sources and outputs
<b>Export</b>	Export video and image files to social media, FTP, local or external volumes, and network servers, with optional transcoding
<b>Audio Mixing</b>	Integrated multi-channel audio mixer with support for stereo audio, and DSPs
<b>Network Audio</b>	<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®  <sup>3</sup> Requires Dante Virtual Soundcard license from Audinate (sold separately)  <sup>5</sup> Requires third-party virtual sound card license (sold separately)</li> </ul>
<b>Supported Media File Formats</b>	Import, store, and play back multimedia files, with optional transcoding, including: <ul style="list-style-type: none"> <li>• Video: AVI, DV, DVCPro, DVCProHD, 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>
<b>Processing</b>	Video: YCbCr + Alpha color space, using 4:2:2:4 Audio: Floating Point, 96 kHz
<b>Latency</b>	Processing Latency through software: ~1.0-1.5 frames
<b>Tally</b>	Support for network tally via NDI®
<b>MIDI</b>	Support for standard MIDI protocol enabling third-party device control
<b>Viz Flowics Go</b>	2 Users 2GB Asset Library 1 Output 1 Team Graphics Editor <ul style="list-style-type: none"> <li>• Timeline-based Animations</li> <li>• Text Crawler</li> <li>• Assets Library</li> <li>• 140 ready-to-use free graphics</li> </ul> Data Integrations <ul style="list-style-type: none"> <li>• Google Sheets Data Provider</li> <li>• RSS / Atom Data Provider</li> <li>• JSON REST Connector</li> <li>• JSON WebSocket Connector</li> </ul> Security – MFA Control API Knowledge Base Support Powered by Viz Flowics running in cloud, rendered locally via TriCaster Live Link.

*Subject to change without notice*



**A TriCaster Mini S that works for you:**

