TriCaster® Mini S

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 - all with an affordable subscription. 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 the choice of selecting their own hardware following our hardware requirements. In addition, a subscription gives the user access to our Standard Support offering making it the perfect way to start a journey with TriCaster

Supercharged Subscription

TriCaster Mini S includes a robust support package as part of the subscription 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

Network Video Input	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[1] • 2160p 59.94, 50, 29.97, 25 • 1080p: 59.94, 50, 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 NDI with integrated controls and preset system. Control connections will vary based on hardware.
Network Video Output	IP video output via NDI, optionally configurable for: • 4 x independent video mix outputs • 1 x UHD video mix output
Stream Output	2 x resolution-independent streaming video outputs, independently configurable and controllable, with simultaneous stream archive
Monitor Outputs	UI and multiview outputs available via onboard GPU outputs
Mix/Effect Buses (M/E)	4 x M/E buses supporting video re-entry • 1 x Mix/Effect channel per bus with support for up to 2 sources • 2 x KEY layers per bus
DSK Channels	2 x DSK channels
Media	4 x media players • 2 x DDR • 1X GFX • 1 x Sound 15 x media buffers • 5 x animation buffers including GIF support • 10 x graphic buffers
Keyers	Integrated LiveMatte™ chroma and luma keying technology on all source channels and M/E buses • 8 x input keyers • 2 x media player keyers • 4 x M/E keyers 15 x buffer keyers
COMPs	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

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	4 x recording channels from either NDI® inputs or Mix outputs • Records and retains alpha channel data • 4 x QuickTime® archival video recorders (Native NDI Codec for recording)[2] [2] *QuickTime Player not required for playback in common NLE applications*
Signal Monitoring	Integrated waveform and vectorscope, full field rate with digital calibration, color preview and support for ITU-R Rec. 709
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 DSPs
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)* [5] *Requires third-party virtual sound card license (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
Processing	Video: YCbCr + Alpha color space, using 4:2:2:4 Audio: Floating Point, 96 kHz
Latency	Processing Latency through software: ~1.0-1.5 frames
Tally	Support for network tally via NDI®
MIDI	Support for standard MIDI protocol enabling third-party device control
HTML 5 Graphics	2 Users 2GB Asset Library 1 Output 1 Team Graphics Editor • Timeline-based Animations • Text Crawler • Assets Library • 140 ready-to-use free graphics Data Integrations • Google Sheets Data Provider • RSS / Atom Data Provider • JSON REST Connector • JSON WebSocket Connector 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

TriCaster® Mini S

Hardware Details

We will keep updated a list of minimum requirements for a system to install and run TriCaster Mini S.

We will publish certified hardware platforms for end users and partners, we will work with partners on requests to have (their own) hardware certified.

Customers running TriCaster Mini S on certified hardware platforms benefit from optimal performance.

Minimum system specifications for TriCaster Mini S

- Must run Microsoft Windows 11
- Intel i7-12th Gen CPU (i7-12700 or greater recommended)
- NVIDIA Quadro T1000 8GB or greater or NVIDIA 3050 8GB or greater running the latest drivers
- 16 GB RAM minimum
- 512GB SSD (M.2 NVMe recommended)

Support Details

Vizrt Standard Software Maintenance & Support is included with the subscription

Support Contact Point	Web form	✓
	Vizrt community portal	✓
Support Contact	24/7 Portal	✓
	24/7 Live Chat	✓
Support Commitments	Response Time (Critical)	<4 Hours
	Response Time (High)	<8 Hours
	Response Time (Normal)	<24 Hours
Support & Maintenance	Licensing & Software Updates	✓
	Viz University	✓
	Remote System Support	✓
	Submit Feature Ideas	✓
Global Support Knowledge	Self-Service Knowledge Base	✓
	Vizrt Community Forums	✓
3rd Line Technical	Availability	8*5
Proactive Support	Live System DevOps (Flowics subscription)	✓

Support case handling might be limited for software running on non-certified hardware