TriCaster Mini X

Making professional video production possible for all - the Mini X gives producers at any level the freedom to create and share video wherever and whenever they want using anything from a smartphone to a 4K camera – truly demonstrating the power of software defined visual storytelling.

Accessible. Storytellers should be able concentrate on telling the story and the Mini X has everything needed for producers to do that, right at their desk. Video switching, media playback, virtual sets, ability to add graphics, record, stream, and much more. TriCaster Mini X brings the possibilities of professional live video production to anyone with a story to tell – without vast investments in infrastructure.

Flexible. New producers or businesses that want to step-up their productions can use all their existing devices to tell their stories using the TriCaster Mini X. From cameras to microphones, off-the-shelf HDMI devices connect directly to the powerful Mini X in minutes to create professional level productions – without having to purchase any new equipment.

Scalable. As part of the TriCaster ecosystem of products, users can take advantage of the many ways to scale-up their productions to suit any need. Built with NDI at its core, the Mini X is an easy to use, yet scalable solution that can be simplified or expanded, as necessary - even by using Viz Connect Solo – offering limitless possibilities.

Product Highlights.

Live Link

Live Link is a feature that brings the power of the internet directly into TriCaster – offering the ultimate in production freedom. Users can pull any web page elements into a production without third party applications. From graphics or images to videos from your organization's internal training platforms.

TriCaster Mini X also offers a host of exceptional features users have come to expect from TriCasters including:

- 8 external video inputs and 4 mix outputs
- Multi-channel recording, audio mixing and internal storage
- HD switching, streaming, and recording up to 4Kp30
- Real-time social media publishing
- Advanced Remote Contribution capabilities with Teams and Zoom NDI integration.
- Compatible with all major streaming platforms

Technical Specifications

Network Video Input	8 x IP video inputs via NDI®, resolution-independent
Digital Video Input	4 x HDMI video connections supporting video input in any combination of standard formats, resolutions, and frame rates[1] - 2160p: 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 serial and network protocols, including RS232*, RS422*, and IP, with integrated controls and preset system *Requires USB to serial adapter - sold separately
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 streaming video output, independently configurable, with simultaneous stream archive
Monitor Outputs	4 x mini display port with output adapters 3 x of the outputs support multiviewers using standard display resolutions
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	5 x Media Players (2 x DDR, 2 x GFX, 1 x Sound) 15 x Media Buffers (10 x Live Link or Animation Buffers, 5 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
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
Storage	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	2 x embedded digital audio inputs through HDMI conversion -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 through HDMI conversion - 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 support3 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
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	Mini X system chassis, including adjustable handle and cable retention bracket - 4.23 x 9.08 x 7.89 in (10.74 x 23.1 x 20.1 cm) - 8.4 lbs (3.8 kg)