



Product Sales Guide: TriCaster® Mini X

TriCaster® Mini X - Positioning.....	2
TriCaster® Mini X - Core Messages	3
TriCaster® Mini X - Product Highlights.....	4
TriCaster® Mini X - Technical Specifications	5
TriCaster® Mini X - Technical Specifications continued... ..	6
TriCaster® Mini X - Control Surface.....	7
TriCaster® Mini X - Product Images.....	8
TriCaster® Mini X - Ordering Information.....	9
Version Notes	10

All information included in this Product Sales & Order Guide is confidential and subject to change without notice.

TriCaster® Mini X - Positioning

High-level description

TriCaster Mini X is the most complete, compact multimedia studio in the world.

Accessible, flexible, and scalable – 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.

Target buyers

- People who don't produce video professionally, but want to add streaming, multimedia or live video to their communications toolkits with the convenience of using off-the-shelf HDMI cameras
- Broadcasters who want to use their professional SDI cameras and equipment to produce top-quality, multi-camera video from any location
- Producers at all levels who want the benefits of NDI® and need the flexibility of a hybrid or end-to-end IP workflow, but require a production solution costing \$10K or less

Their requirements

Produce and publish video content quickly, stream live events from anywhere, and make even the smallest presentations look like network television

Unlike other solutions that

Provide limited capabilities to justify an entry-level price, or require expensive equipment, complex setup and a professional crew.

TriCaster Mini X...

Integrates a studio full of production capabilities into one compact device, giving anyone the ability to mix live cameras with video, graphics, titles, and other sources, and create content that looks like professionally made television in minutes.

TriCaster® Mini X - Core Messages

Positioning Statement

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.

Value Proposition Statement

TriCasters are the most capable and cost-effective live video production solutions available and Mini X is no exception. TriCaster Mini X is the most complete, compact multimedia studio in the world.

The Mini X embraces the all-in-one desktop form factor with increased power and capabilities, giving producers access to 8 external sources with 4 integrated HDMI inputs and supporting modern resolutions up to 4Kp30. Plus all the power known to TriCaster Mini including HTML Graphics rendering, new adaptive help menus for ease of use, and much more...

Unique Selling Proposition

No single video solution is as complete, compact, or cost-effective for producing professional-looking video content.

Messaging Pillars

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 NewTek 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 Spark I/O Converter – offering limitless possibilities.

TriCaster® Mini X - Product Highlights



Live Link

Live Link is an all-new 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:



HD switching, streaming, and recording up to 4Kp30



Real-time social media publishing



8 external video inputs and 4 mix outputs



Multi-channel recording, audio mixing and internal storage



Connect to compatible IP devices via NDI®



Video playback without additional hardware



Compatible with all major streaming platforms



Built-in live titling and motion graphics

Newcomers and professionals alike can further explore a wide range of creative tools that come standard with TriCaster Mini X, including

- ✓ Mix different visual sources
- ✓ Overlay logos, presentations, charts, titles, media files, animations
- ✓ Import your own branding elements and have them appear in transitions and animations
- ✓ Incorporate a slideshow, web-pages from another computer
- ✓ Replace solid backgrounds with a simulated environment
- ✓ Webcast programs on a live video stream
- ✓ Post clips to YouTube, Facebook and Twitter, your web site
- ✓ Have guest speakers call in from their webcams
- ✓ Record the program so people can watch it on-demand
- ✓ Record all camera footage simultaneously so you can edit the program
- ✓ Make keyboard shortcuts for sophisticated sequences with one touch

TriCaster® Mini X - Technical Specifications

Network Video Input	8 x IP video inputs via NDI®, resolution-independent
Digital Video Input	<p>4 x HDMI video connections supporting video input in any combination of standard formats, resolutions, and frame rates¹</p> <ul style="list-style-type: none"> - 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 <p><small>1 Available frame rates determined by session video standard (NTSC or PAL)</small></p>
PTZ	<p>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</p> <p><small>*Requires USB to serial adapter - sold separately</small></p>
Skype TX	Native support for up to 2 simultaneous Skype® video call inputs via Skype TX software integration, including tally and Talk Back communication
Network Video Output	<p>IP video output via NDI, optionally configurable for:</p> <ul style="list-style-type: none"> - 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	<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>5 x Media Players (2 x DDR, 2 x GFX, 1 x Sound)</p> <p>15 x Media Buffers (5 x Live Link or Animation Buffers, 10 x Graphic Buffers)</p>
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
Virtual Sets	Integrated LiveSet™ technology with 30+ live virtual sets and box effects included
DataLink	<p>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</p> <p>Record, store, edit and automate commands and user-configured operation sequences</p>
Macros	<ul style="list-style-type: none"> - 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

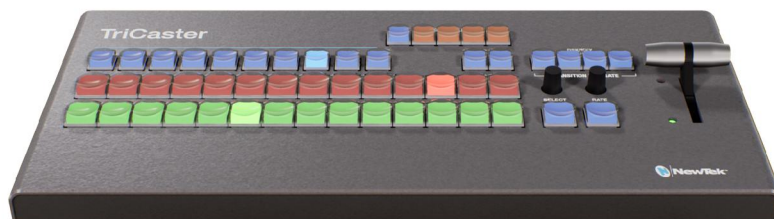
TriCaster® Mini X - Technical Specifications continued...

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 <small>2 QuickTime Player not required for playback in common NLE applications</small>
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 support ³ 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, DVCPPro, DVCPProHD, 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
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	NewTek 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)

Subject change without notice.

TriCaster® Mini - Control Surface

The ideal traveling partner for TriCaster Mini X, the TriCaster Mini CS provides studio-style control and a small footprint to deliver professional results...from the office, an event, or anywhere.



- ✓ Intuitive layout mapped to the TriCaster Mini live desktop
- ✓ Large, backlit buttons and premium T-Bar for confident, comfortable performance
- ✓ Faster, more accurate interaction than point and click
- ✓ Attractive, compact design and simple, plug-and-play setup

Panel appearance subject to change without notice.

TriCaster® Mini X - Product Images

TriCaster Mini X Front Panel



TriCaster Mini X Backplane



Subject to change without notice.

TriCaster® Mini X - Ordering Information

TriCaster® Mini X	
TCMXHDMI	TriCaster Mini X HDMI
TCMXHDMIB	TriCaster Mini X HDMI Bundle – Includes TriCaster Mini X HDMI, TriCaster Mini CS and NewTek Custom Travel Case
PTPTCMXHDMI	ProTek Prime for TriCaster Mini X HDMI
PTUTCMXHDMI	ProTek Ultra for TriCaster Mini X HDMI

Version Notes

August 18th, 2022

- Initial release.