TriCaster™ 40

Finding a way to produce high-quality video programming can be a challenge when you're on a tight budget. But now, there's an easy way to avoid the pitfalls of discount equipment that doesn't measure up, pieced-together set-ups with hidden costs, and complicated controls that require a master technician.

TriCaster 40 is an all-in-one live production and streaming system that lets you publish live media, reaching more viewers—in more places—affordably. It's the answer you've been looking for to solve your switching, streaming and recording demands—in one compact system. Right out of the box, push the boundaries with bigger-looking, network-quality live productions—every time.

At a Glance

- **High Performance at a Low Price**
  You can now create and publish stunning shows in HD, and stream live at the same time—even on a tight budget

- **Quick to Set Up. Easy to Use**
  Set up your entire real-time production easily, in minutes; plug in, add cameras and start creating

- **Cart-and-Carry Portability**
  Gain a huge advantage with full mobile capability in a small package—from room-to-room, to studio and on the road again—get there first, faster

- **Bigger and Better-looking Shows**
  Don't compromise your brand for low-quality productions; shows look polished and professional every time with four live camera inputs, computer sources, built-in effects, transitions, virtual sets, internal clip player, titles and graphics

Monitor not included.

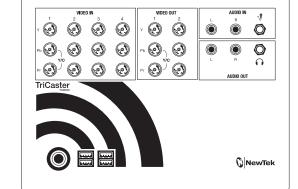|	
Switcher Channels	14 – 6 external, 4 internal, 4 virtual inputs
Video Input	4 simultaneous live video sources, in any combination of HD Component, SD Component, Y/C or Composite and supported resolutions - Each input includes integrated frame synchronizer - Independent keying, cropping, Proc Amp and white balance controls per input - BNC connectivity
Network Sources	2 simultaneous live sources via Gigabit connection, selectable from any networked computer or Apple® AirPlay® device - Independent keying, cropping, Proc Amp and white balance controls per input
Media	3 integrated digital media sources for video and graphics: DDR and GFX x 2 - LiveText character generator for custom titles and graphics - Independent keying, cropping, Proc Amp and white balance controls per source
Virtual Inputs	4 independent, mix/effect-style channels supporting multi-source compositions, virtual sets, double-box effects and more - 3 configurable sources per channel, each with independent positioning, scaling and cropping, including upstream keyer with DVE and transition controls
Downstream Key	2 downstream keyers, each with independent DVE, transition controls, positioning and scaling
Video Layers	Up to 5 layers on-screen simultaneously
Effects and Transitions	Integrated TransWarp effects engine on all effects channels supports standard transitions, customizable animation store transitions with audio, and overlay effects - Animation Store Creator for custom animations - Supports per-pixel alpha blending between sources and real-time 3D warping of video or graphics
Virtual Sets	24 HD live virtual sets, with multiple camera angles, real-time reflections, specular highlights, animated zoom and presets
Video Output	A/V output signal through up to 5 output connections - 2 x Analog BNC configurable for Component or Y/C + Composite
Recording	Native recording in resolutions up to 1080p - Encoding format selectable from QuickTime®, MPEG-2 (high or normal profile), AVI (Speed HQ), and H.264 (high or Web-quality)
Live Streaming	HD live streaming via Adobe® Flash® or Microsoft® Windows Media® Push/Pull
Audio Inputs	1/4" Mono (Mic) RCA x 2 Stereo L/R (Line)
Audio Outputs	RCA x 2 Stereo L/R 1/4" Stereo (phones)
Audio Mixing	Integrated multi-channel audio mixer for internal and external audio sources, effects, output, stream and headphones
Supported Formats	- NTSC model: 1080/30p, 1080/24p, 1080/60i, 720/60p, 720/30p, 720/24p, 480/60i - Multi-Standard model: NTSC 1080/30p, 1080/24p, 1080/60i, 720/60p, 720/30p, 720/24p, 480/60i; NTSC-J 1080/30p, 1080/24p, 1080/60i, 720/60p, 720/30p, 720/24p, 480/60i; PAL 1080/25p, 1080/24p, 1080/50i, 720/50p, 720/25p, 720/24p, 576/25i

Playback Media Formats	AVI, DV, DVCPro, DVCProHD, FLV, F4V, H.263, H.264, MOV, MKV, MJPEG, MPEG (1, 2, all profiles, program or transport streams), MP4, WMV, WebM, PSD, PNG, TGA, BMP, JPEG, EXR, RAW, TIF, AIFF, MP3, WAV, and more, with Import Media application for batch import with optional transcoding of files (including Apple ProRes)
Export Media Formats	Export media application for batch copying with optional transcoding of files to compatible formats for different applications and devices: AVI, DV, DVCPro, DVD, H.264, MOV, MPEG-2, MJPEG, MP4, WebM and more
Monitoring	DVI, VGA and HDMI monitor outputs for user interface and multiview preview, with selectable layouts
Signal Monitoring	Integrated Waveform and Vectorscope, full field rate with color preview and support for ITU-R Rec. 601 and 709
Processing	Video: 4:4:4:4, 32-bit Floating Point Audio: 2 channels, 96 kHz, 32-bit Floating Point
System Physical	10.4 x 8.5 x 17.5 in (26.4 x 21.6 x 44.5 cm) 19 lbs (8.6 kg)

Subject to change without notice.
For complete technical specifications, please visit the TriCaster 40 product page at www.newtek.com.

Multi Standard pricing and availability may vary. Please contact your local reseller for details.

Learn More Online.