TriCaster™ 40

The Multi-Camera Production and Streaming Tool you've been saving for—at a price that shortens the wait

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.

Professional-grade live production doesn't have to cost a fortune. Keeping up with the demands of viewers, and streaming live wherever your audience watches—are now easy to do, and affordable for smaller budgets, too.

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 smal l 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.

 3D STORM

NewTek

TriCaster™ 40 Tech Specs

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 résolutions - Each input includes integrated frame synchronizer - Independent keying, cropping and Proc Amp 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 and Proc Amp controls per input
Media	3 integrated digital media sources for video and graphics: DDR and GFX x 2 - Independent keying, cropping and Proc Amp controls per media 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
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 (Program and SD-only AUX) - Network output for live streaming
Recording	Native recording in resolutions up to 1080i Encoded as QuickTime® or Web-quality H.264
Recording Capacity	Accommodates ~ 20 hours 1080i or ~ 120 hours 480i via internal drive in QuickTime format - Capacity expandable using external media drives
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, output, stream and headphones
Supported Formats	NTSC: 1080i, 720p, 480i (16:9), 480i (4:3) Multi-Standard: NTSC-J; PAL 1080i, 720p, 576i (16:9), 576i (4:3)
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)
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