

Link do produktu: <https://www.wamm.pl/vizrt-tricaster-tc1-p-2790.html>

## Vizrt TriCaster TC1



Dostępność	<b>Na zamówienie</b>
Czas wysyłki	<b>10 dni roboczych</b>
Numer katalogowy	<b>TC1</b>
Kod producenta	<b>TC1</b>
Producent	<b>Vizrt</b>

### Opis produktu

#### NewTek TriCaster TC1

NewTek TriCaster TC1 is the most complete production system on the planet for the modern producer, publisher, and content creator. Equipped with industry-leading, software-driven live production technology and hundreds of advanced production capabilities for existing and emerging video workflows, including native IP processing; switching, streaming, recording, and delivery in HD, 3G, and 4K Ultra HD; integrated video playback, recording, and replay; Skype TX software integration; dual-channel live streaming; real-time social media publishing; and more, TriCaster TC1 provides everything you need to create incredible content, embrace new ideas, technologies, and platforms, and reach viewers whenever and wherever they watch.

Feel Invincible. When you're confident in what you're doing, it shows. With TriCaster TC1, you have the proven workflows you know and the future-proof production you covet. The bottom line is being able to do production the way you need to right now and the way you want to when you are ready.

#### Features:

- Switching, streaming, recording in HD, 3G, and 4K UHD 60p
- Native software driven processing for maximum production power and flexibility
- Comprehensive camera coverage and compelling multi-source video mixing, including 16 external inputs and 4 M/Es
- Studio-grade Skype® video calling with multi-channel Skype TX software integration
- Integrated video servers allowing playback, replay, and live editing without any additional hardware
- Multi-channel ISO recording to full-resolution QuickTime® and H.264 files for VOD, post-production, and archive
- Dual-channel live streaming to Facebook Live, Microsoft® Azure®, Periscope, Twitch, YouTube™ Live, and more
- Real-time social media sharing to Facebook, Imgur, LinkedIn, Twitter, Vimeo, YouTube, and more
- Powerful production automation with custom macro commands, sophisticated full-motion compositing, and flexible control options
- Advanced audio mixing with multi-source configuration and control, professional DSPs, and 4 x 4 x 4 channel routing
- Premier creative capabilities, including multi-bus mix effects, animated titles and transitions, advanced chromakeying, spectacular live virtual sets, and more

### Specyfikacja Techniczna

#### Video Input

16 x simultaneous external video inputs, supporting any combination of compatible sources in resolutions up to 4K UHD at frame rates up to 60fps (2160p 59.94)

#### Network Video Input

16 x IP video inputs via NDI®, resolution-independent, with support for key and fill

#### SDI Video Input

4 x 3G/HD/SD-SDI connections supporting video input in any combination of standard formats, resolutions, and frame rates

- 1080p: 59.94, 50, 29.97, 25
- 1080i: 59.94, 50
- 720p: 59.94, 50, 29.97, 25
- 576i 50
- 480i 59.94

*1 Optionally supports up to 16 simultaneous 3G/HD/SD-SDI video inputs or quad-link 3G-SDI video inputs (4K UHD) via network integration with applicable NewTek NC1 conversion modules*

*2 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

## **Skype TX**

Native support for up to 2 simultaneous Skype® video call inputs via Skype TX software integration, including tally and Talk Back communication

## **Video Output**

Configurable for up to 4 independent video mix outputs, with simultaneous delivery via IP and SDI

### **Network Video Output**

IP video output via NDI, optionally configurable for:

- 4 x independent video mix outputs
- 1 x 4K UHD video mix output

### **SDI Video Output**

4 x 3G/HD/SD-SDI connections, optionally configurable for:

- 4 x independent 3G/HD/SD video mix outputs
- 1 x 4K UHD video mix output via 3G-SDI quad-link grouping

## **Stream Output**

2 x resolution-independent streaming video outputs, independently configurable, with simultaneous stream archive

## **Multiviewer Output**

3 x multiviewer outputs supporting standard display resolutions

- 1 x DVI user interface with multiviewer
- 1 x HDMI multiviewer
- 1 x DisplayPort multiviewer

## **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 4 sources
- 4 x KEY layers per bus
- 9 x memory slots per bus
- 1 x PREVIZ configuration and preview bus

## **DSK Channels**

4 x DSK channels

## **Media**

5 x media players

- 2 x DDR
- 2 x GFX
- 1 x Sound
- 15 x media buffers
- 10 x animation buffers
- 5 x graphic buffers
- 30 x clip players (available for use as transitions or media depending on function)

## **Keyers**

Integrated LiveMatte™ chroma and luma keying technology on all source channels and M/E buses

- 16 x input keyers
- 4 x media player keyers
- 4 x M/E keyers
- 1 x PREVIZ keyer
- 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**

8 x configurable video recording channels via IsoCorder™ technology

- 8 x NDI® recordings (scalable to higher number with Premium Access)
- 4 x QuickTime® archival video recorders (SHQ2 quicktime codec, 4:2:2 encoding, 24-bit audio, with timecode)<sup>3</sup>
- 2 x H.264 IsoCorder™ distribution video recorders (multiple profiles)
- 1 x MP3 audio recorder

*3 QuickTime Player not required for playback in common NLE applications*

## Storage

4TB internal media storage

- 2 x 4TB 7200 RPM, 128MB Cache, SATA 6.0Gb/s, 3.5" Internal Hard Drive
- Capacity varies by format, resolution and file specification
- Supports recording to external storage via USB 3.0 and eSATA
- Supports shared storage integration and third-party partner solutions

## 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 Mixer

Integrated multi-channel audio mixer with support for quad-channel audio, DSPs and 4x4x4 audio input routing

## Local Audio Input

4 x SDI embedded  
1 x Balanced XLR stereo pair (Line)  
3 x Balanced 1/4" stereo pairs (Line)  
Support for USB audio device input via compatible WDM audio drivers

## Local Audio Output

4 x SDI embedded  
1 x Balanced XLR stereo pair  
1 x Balanced 1/4" stereo pair  
1 x Stereo 1/4" (phones)

## 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<sup>4</sup> for Dante™ networking protocol from Audinate®
- Support for AES67 protocol via compatible WDM audio drivers<sup>5</sup>

*4Requires Dante Virtual Soundcard license from Audinate (sold separately)*

*5Requires 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

## Monitoring

Support for up to 3 multiviewer displays with configurable workspaces and viewports

## Signal Monitoring

Integrated waveform and vectorscope, full field rate with digital calibration, color preview and support for ITU-R Rec. 709

## Processing

Video: Floating Point YCbCr +A 4:4:4:4

Audio: Floating Point, 96 kHz

Throughput Latency

~1.0-1.5 frames

## A/V Standards

- 4K UHD video conforms to SMPTE 2036 (UHDTV1 using Square Division Quad Split)
- 3G-SDI video conforms to SMPTE 424M (Level A)
- HD-SDI video conforms to SMPTE 292M
- SD video conforms to SMPTE 259M and ITU-R BT.656
- Analog audio levels conform to SMPTE RP-155

## Tally

Support for hardware tally via HD15 GPI connector, network tally via NDI, and Blackmagic Design® SDI tally standard

## Genlock

Genlock input supporting SD (Bi-level) or HD (Tri-level) reference signals

## GPI

Supports GPI signals via JLCopper Electronics eBox GPI interface

## MIDI

Support for standard MIDI protocol enabling third-party device control

## System Drive

120GB SSD

## NIC

- NIC 1 x 10 Gigabit Ethernet
- 1 x 1 Gigabit Ethernet

## System Physical

### TriCaster TC1

**2RU chassis with 400W PSU** and multi-tiered hardware and software fail-safe

- (48.3 x 8.9 x 49.7 cm) with rack ears attached

**TriCaster TC1** (Redundant Power Option)

**3RU chassis with 500W redundant PSU** and multi-tiered hardware and software fail-safe

- (48.3 x 13.34 x 49.7 cm) with rack ears attached

*Subject to change without notice.*

## Rejestracja Vizrt

**WAMM Video Solutions** posiada status **Platinum Partnera Vizrt**

Aby zarejestrować produkt firmy Vizrt skorzystaj z linku.

[Link do rejestracji produktów Vizrt](#)