TRACKLESS STUDIO
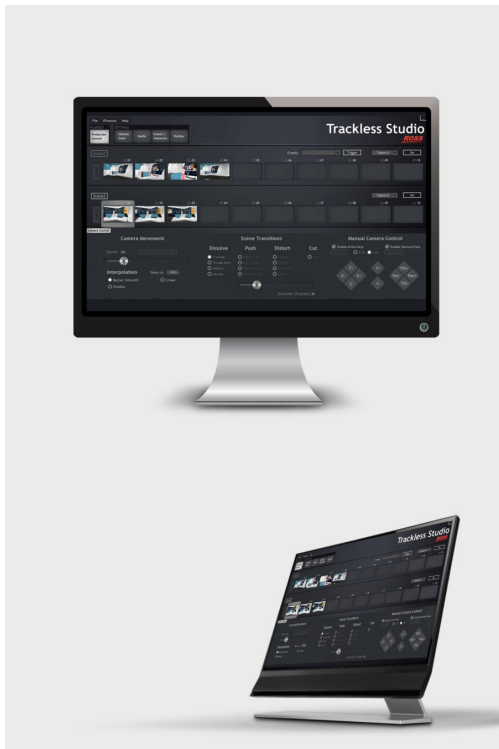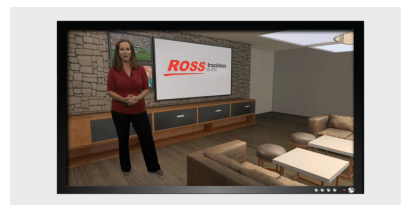
Trackless virtual systems are all-in-one engines that require no external action on the part of the camera in order to create movement. They use a stationary physical camera, with all the camera movement being done within the graphics engine. This eliminates the need for physical tracking equipment.

Cena:
Kategorie: Video, Broadcast, Wirtualne Studio

GALLERY IMAGES

OPIS

Trackless Studio is an all-in-one virtual production tool that fits almost any budget. Built on the XPression Real-Time Motion Graphics System with an intuitive purpose-built interface, Trackless Studio leverages Ross Video's years of experience with virtual sets and augmented reality to bring quality virtual sets to even the most basic productions.

All-in-one

An all-in-one virtual production tool that includes multiple cameras, internal chroma key, live inputs, clips, stills, and 3D graphics.

Locked Down Camera

Uses stationary cameras so tracking hardware or software is not required.

Looks Real

Combining virtual camera moves and the same high-quality virtual sets as tracked implementations creates excellent productions.

Shortened Learning Curve

Leverages years of experience with virtual sets and augmented reality to bring quality virtual sets to even the most basic productions.

Increased Production Value

Acts as the entire set for a program for a cost-effective way to add production value to other content.

Don't Look Small

All camera moves are done virtually inside of the XPression scene, eliminating the need for a large studio space.

Features

Full 3D

Real 3D virtual sets with full 3D motion capabilities.

Transitions

Transitions between camera positions or between multiple cameras to show movement or changes in the production.

Use Up to Four Cameras

Multi-camera support (1, 2 or 4 depending on hardware configuration).

Multiple Control Surface Options

Control from touchscreen, Ross switchers, Ross DashBoard, optional X-Keys panel, keyboard, and web server.

Internal Chroma Keyer

The internal chroma key allows for separation of the talent from the green screen, within the software. No external processing is required.

Software-based camera Moves in 3D Space

Dramatic camera moves (crane or jib style).

Applications

This product can be used as part of the following
Smart Production Solutions:

- Sports & Live Venue
- Government
- News
- CorporateVirtual Studio
- House of Worship

- Education

Spectifications

Trackless Studio's hardware is designed to guaranty the highest level of resilience and stability using the best available components.

HARDWARE

Chassis	4RU rack frame
Power Supply	960W EPS 12V Hot-swappable 1+1 redundant power supply
Storage Media	3x 1TB SSD RAID 5
System Drive	2x 256GB SSD RAID 1 (Mirrored)
Media Drive	1.8 TB
CPU	Intel® Core i7 7820x Processor 11MB Cache
Mainboard	ASUS WS X299 SAGE
RAID Controller	LSI® MegaRAID® SAS 9361-8i
Memory	16GB DDR4 2666 UDIMM
GPU	Nvidia GTX 1080 8GB 256-Bit GDDR5
O/S	Microsoft® Windows® 7 Professional, 64-bit

DIMENSIONS

Height	4RU 6.9″ (17.6 cm)
Width	16.9″ (43.0 cm)
Depth	23.3″ (59.2 cm)

VIDEO FORMATS

SD to 1080p Support

480i 29.97Hz (NTSC), 576i 25Hz (PAL)
720p 50Hz, 720p 59.94Hz
720p 60Hz, 1080i 25Hz
1080i 29.97Hz,1080i 30Hz
1080p 29.97Hz, 1080p 50Hz
1080p 59.94Hz, 1080p 60Hz
1080psf 23.976Hz
1080psf 24Hz
1080psf 25Hz
1080psf 29.97Hz
1080psf 30Hz
Custom Formats

VIDEO STANDARDS

SD	SMPTE 259M
HD	SMPTE 292M, SMPTE 424M -AB
IP	SMPTE 2022-6, SMPTE 2022-7, SMPTE 2110

INCLUDED ACCESSORIES

Rackmount Kit	Slide rails, handles, and mounting hardware
Keyboard	Standard USB PC Keyboard
Mouse	USB mouse
Security Key	USB License Key pre-installed internally
Software	XPression Software and Workflow Tools package on optical media
Warranty	12 Month System Warranty (parts / labor and software updates)