

TRIA+ UHD

ROSS

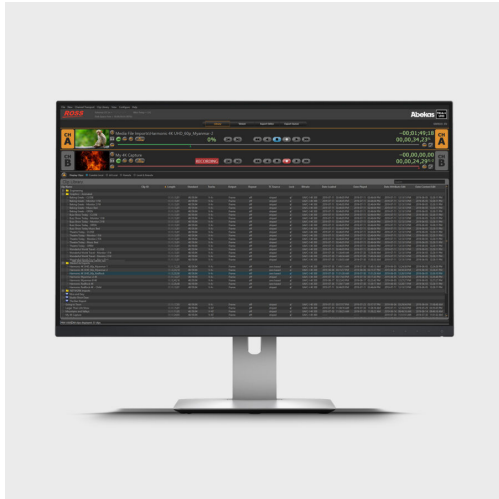
Tria+ UHD Dual-Channel UHD Production Server

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Cena:

Kategorie: [Video](#), [Broadcast](#), [Serwery playout](#)



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Dual-Channel UHD Server

Utilizing the XAVC codec, Tria+ UHD offers 2 symmetrical UHD video channels for record or play, along with single-link 12G I/O connectivity.

Simple File Management

Media file ingest and multi-destination media file export in every Tria+ UHD server. Growing File Export writes a continuously growing media file onto external NAS to support hyper-efficient live editing workflows.

Broadcast Hardware

Enjoy complete peace of mind with fault-tolerant RAID-5 or RAID-6 parity protection, that can withstand simultaneous disk drive failure – with no loss of your valuable content.

Single Clip Workflow

Handles Video+Key clips as a single clip asset, rather than two – dramatically streamlining clip management, import/export, and live playout control.

Intuitive Operations

An uncluttered and intuitive display of transport controls and real-time monitoring for each video channel. Control software can also be operated from any Windows-based computer on the local network.

Content Sharing

Quickly and easily share media clips between any number of Tria+ UHD production servers interconnected via 10-Gigabit Ethernet. No matter where a given clip is stored—any clip can be played back in real-time.

Features

UHD Record and Play

Tria+ UHD includes 2 symmetric UHD video channels – which means each video channel can instantly switch between record and play operations.

Video + Key Architecture

Combining video+key into a single clip streamlines your entire production workflow.

Media Import & Export

Tria+ UHD production servers come standard with integrated media file import and export tools, which dramatically streamlines your file-based workflows.

Multi-Server Networking

The integrated clip networking feature permits operators to quickly and easily share media clips between any number of Tria+ UHD production servers interconnected via 10-Gigabit Ethernet.

Wide-Ranging Control

Reduce costs and simplify production workflows with a variety of available network and direct control interfaces.

Protected Media Storage

To provide you complete peace of mind, Tria+ UHD production servers come with dual-redundant, hot-swappable power supplies, along with hot-swappable chassis fans and media disk drives.

Hyper-Efficient UHD Content Sharing

Get content where you need it quickly and turnaround edited content in the midst of live capture:

10-Gigabit Ethernet Support

Get more out of Tria+ UHD's multi-server content sharing workflows for larger events and remote productions. 10-Gigabit Ethernet provides higher-connectivity bandwidth for sharing files between servers, high-performance network storage, and large-capacity file transfers.

Growing File Export

This powerful feature can be deployed while capturing one or more live video sources. It

works by writing a continuously growing MXF media file for each live recording stream onto external network attached storage (NAS) – including one of the affordable Ross EVO Signature Series storage solutions. From there, edit systems capable of editing with growing source files can begin using these files, even while live capture is still underway. This streamlined live editing workflow save both time and money; and gets your finished productions to air faster than ever before!

FEATURES

2 Symmetrical UHD Video Channels (each channel can record or play)	+
Sophisticated playlist operation with advanced playout features	+
Timecode Chase clip lists, with precise playout dictated by incoming LTC	+
Integrated Tria Explorer GUI on computer desktop	+
Integrated media file import/export tools	+
Growing File Export of MXF files from multiple input capture	+
VANC record & file import preserves timecode & closed-captioning	+
DashBoard and Tria Ethernet API for programming of custom control interfaces	+
Media disk array with RAID-5 or RAID-6 parity protection	+
SSD System Disk with Windows 10 IoT Enterprise 2019 O/S	+
Hot-swap, dual redundant power supply	+

SUPPORTED VIDEO FORMATS

Native Video Codec:	XAVC-Intra model: Class 300 – 4K UHD Class 480 – 4K UHD
Ultra HD 4K Video:	2160p /50 /59.94



CHASSIS PHYSICAL & ELECTRICAL

Dimensions:	3RU Height / Depth = 25/6 in (65.1 cm) / Rackmount Slides included
Maximum Weight:	75 lbs. (34 kg)
Maximum Power:	<500 Watts / 100-240 VAC / 50-60Hz (Auto-sensing power input)

SAFETY & EMISSIONS

TUV	+
FCC Class	+
CE	+

ANALOG REFERENCE INPUT

Tri-level HD or Composite Analog SD; Terminating	75Ω (1) Female BNC*
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** These are “High-Density BNCs”; adapter cable to “Standard Female BNCs” provided.*

DIGITAL VIDEO INPUTS

4K UHD (3840x2160p)	UHD-SDI: SMPTE ST-2036-1 ITU- R BT.2020 (10-bit at 12 Gb/s) (2) Female BNC*
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(10-bit at 12 Gb/s)
(2) Female BNC*

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DIGITAL AUDIO INPUTS

Embedded in 4K UHD

Embedded in all 12G UHD-SDI
video inputs:
16-tracks; 48kHz at 24-bits

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ANALOG LTC INPUTS

LTC Input (Time of Day), unbalanced

(1) Female XLR

DATA / CONTROL

Mini DisplayPort

(4) F-mDP
(1920×1080 native resolution
display required)

10-Gigabit Ethernet (10-T/100-T/1000-T/10K-T)
with AMP, VDCP & Tria protocols

(2) Female RJ45

USB 2.0 / USB 3.0 / USB 3.1

Female USB-A

10G USB 3.1+

(1) Female Type A | (1) Female
Type C

QWERTY Keyboard & Mouse set (included with
each Tria+ server)

USB-A

