

NEWT

ROSS

NEWT COMPACT UHD-OVER-IP SDI / HDMI SIGNAL CONVERSION

Newt adapts to our rapidly changing IP environments, quietly bridging Quad-SDI & HDMI2.0 interfaces to JT-NM Tested ST2110 media streams. Newt is fluent in many open control protocols such as NMOS, EmBER+, and DashBoard (to name but a few), thus giving you the freedom to throw this little guy down into the IP environment of your choice.

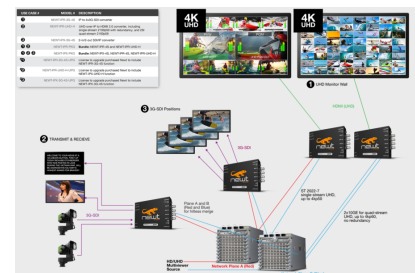
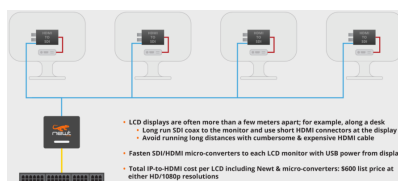


Cena:

Kategorie: [Video](#), [Produkcja](#), [Konwertery obrazu](#)



GALLERY IMAGES



OPIs

HD TO UHD CONVERSION

Compact & robust signal conversion and processing of many formats from HD to UHD. QUAD-SPLIT for viewing four independent videos at once on a single HDMI 2.0 output. SQD and 2SI GEARBOXING of quad-streams to UHD.

Open Control

Open control gives you the freedom to run Newt from our DashBoard™ control system, and/or seamlessly from many 3rd-party control systems (e.g. VSM, Magellan, ...) using industry standard protocols such as Ember+ and NMOS.

Goes Anywhere!

Flexible mounting options enable Newt to scale any wall, zip-tie to a post, hide under a desk, behind a display, or for three of them to sit comfortably on an optional rack shelf.

Flexible Audio & Video Mapping

One-to-many mapping allows any IP flow to be assigned to one or many outputs, simplifying your operation. Newt supports multiple audio streams per output adapting easily to any audio stream and channel structure. Plus, an integrated audio router allows you to easily shuffle and assign audio channels where you need them.

Benchmark Interoperability

Ross Video's SMPTE ST 2110 technology is JT-NM Tested, and amongst the most mature and widely deployed in the industry, both directly in Ross products and also through its OEM & Developer Solutions program. We are committed to ensuring that your investment in Ross products will interoperate with third parties.

Quiet

Newt is the strong silent type, with studio applications in mind. Unlike other IP conversion products with fans that scream loudly, you'll barely hear a purr from Newt.

Features

JT-NM Tested

JT-NM Tested, AIMS-compliant SMPTE ST 2110 signal conversion and processing.

Flexible Mounting

Flexible mounting options enable Newt to scale any wall, zip-tie to a post, hide under a desk, behind a display, or for three of them to sit comfortably on an optional rack shelf.

Quiet

Suitably quiet for use in-studio, unlike other IP conversion products with fans that scream loudly. You'll barely hear a purr from Newt. New V2.20 Firmware makes Newt even quieter!

Open Control

Various control API:

- DashBoard for discovery, device configuration, and connection control
- EmBER+ connection control
- NMOS IS-04 and IS-05 discovery, registration and connection control
- A published JSON API for integration into 3rd-party control systems of the full range of Newt configuration and control functionality
- Support for in-band and out-of-band control

Flexible Audio and Video Mapping

- One-to-many mapping allows any IP flow to drive one or many outputs, simplifying your operation.
- 1-80 channels per stream and up to 64 audio streams enable maximum flexibility and interoperability
- For example, applications requiring 16 (sixteen) mono audio streams per SDI I/O are supported, or all 64 channels can arrive on a single audio stream and then shuffled to the appropriate SDI output
- Audio channel shuffle is supported on receive and transmit interfaces

Gearboxing of HD to UHD & Quad-Split Monitoring

- QUAD-SPLIT for viewing four independent videos at once on a single HDMI 2.0 output
- SQD and 2SI GEARBOXING quad-streams to UHD

Ordering Information

ORDERING CODE	DESCRIPTION
NEWT-IPR-3G-4S	IP to 4x3G-SDI converter
NEWT-IPR-UHD-H	UHD-over-IP to HDMI 2.0 converter, including single-stream 2160p50 UHD and 2SI quad-stream 2160p50 UHD
NEWT-IPX-3G-4S	2-in/2-out SDI/IP converter
NEWT-IPR-PKG	Bundle: NEWT-IPR-4S and NEWT-IPR-UHD-H
NEWT-IPX-PKG	Bundle: NEWT-IPX-4S, NEWT-IPR-4S, NEWT-IPR-UHD-H
NEWT-IPR-3G-4S-UPG	License to upgrade purchased Newt to include NEWT-IPR-3G-4S function
NEWT-IPR-UHD-H-UPG	License to upgrade purchased Newt to include NEWT-IPX-UHD-H function
NEWT-IPX-3G-4S-UPG	License to upgrade purchased Newt to include NEWT-IPX-3G-4S function

ORDERING CODE	NEWT ACCESSORIES
SFP-10GBASE-SR	SFP+ Module, 10G Ethernet, 300m reach, Multimode fiber
SFP-10GBASE-LR	SFP+ Module, 10G Ethernet, 10km reach, Single mode fiber
GEAR-SHELF	1RU rackmount shelf for Newt and Iggy
GEAR-BRKT-EARS	“Ear” brackets for Newt and Iggy
GEAR-VESA100	VESA 100mm bracket mount kit for Newt and Iggy

<https://youtu.be/7pTPu7QYkUw>

