



Compact IP Gear  
that adapts to your  
environment.



## NEWT | Compact UHD-over-IP SDI/HDMI Signal Conversion

Newt easily adapts to our rapidly changing IP environments. This is the first product species that brings to life compact, quiet and robust UHD-over-IP SDI/HDMI signal conversion. 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.

### KEY BENEFITS

**COMPACT & ROBUST** signal conversion and processing of many formats from HD to UHD

**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, ...)

**NEWT 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 securely on an optional rack shelf.

**WHAT YOU NEED, WHEN YOU NEED IT, SOFTWARE:** software defined processing enables multiple uses and functions. Pay only for what you need thanks to our flexible licensing options.

**BENCHMARK INTEROPERABILITY:** Ross Video's SMPTE ST 2110 technology is 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.

**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.





## NEWT IPX | Specifications

### TRANSPORT FEATURES

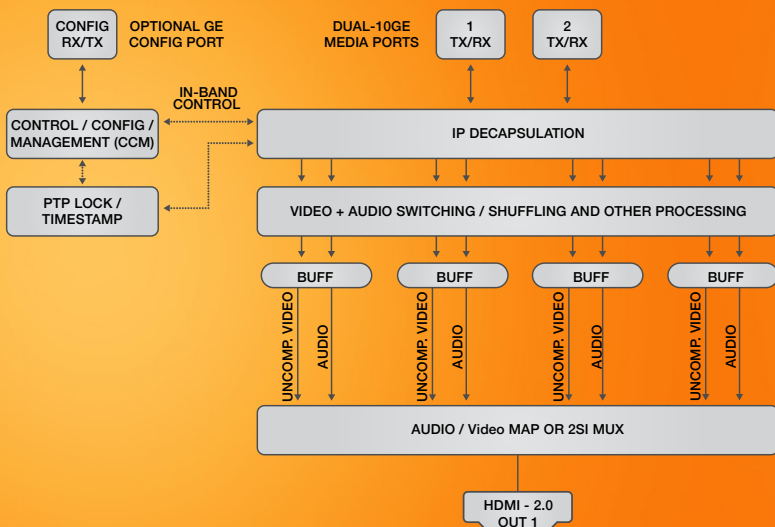
- SMPTE ST 2110 suite, including:
  - 10, System Timing and Definitions
  - 20, Uncompressed Active Video
  - 30, PCM Digital Audio
  - 40, SMPTE Ancillary Data
- SMPTE ST 2022-7 – Seamless Protection Switching
- HD / 3G and UHD-over-IP
- 16 audio channels per SDI interface

### MECHANICAL / ENVIRONMENTAL

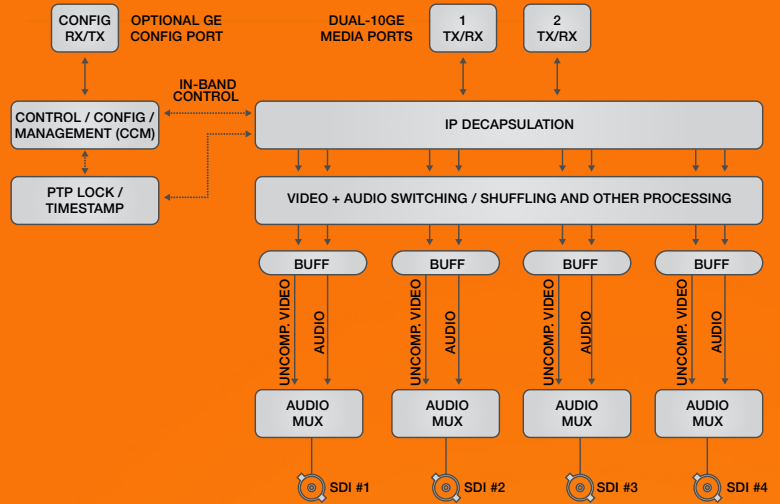
- VESA, desk, pillar and other mounting via optional brackets
- Optional rack tray provides secure placement of three NEWT, bricks and cable management
- Studio quiet operation
- Operating: 0°C to +40°C

See [www.rossvideo.com/newt](http://www.rossvideo.com/newt) for ordering options

## NEWT-IPR-UHD-H | IP to HDMI 2.0



## NEWT-IPR-3G-S | IP to Quad-SDI



## NEWT-IPX-3G-4S | 2-in/2-out SDI/IP Gateway

