



Compact IP Gear  
that adapts with your  
environment.



## Newt IPX | Compact IP Gear from Ross

Newt easily adapts to our rapidly changing IP environments. This is the first product species that brings to life UHD-over-IP to HDMI-2.0 drop-down conversion! Newt is robust and fluent in open control protocols such as NMOS, EmBER+/RAVENNA, and DashBoard, giving you the freedom to throw this little guy down into the IP environment of your choice.

With software-defined processing, Newt easily adapts to multiple uses as the IP landscape unfolds. Newt can go anywhere, thanks to a robust and compact 5"x 6" enclosure, studio-quiet operation, and flexible mounting options. Three NEWT sit comfortably on a rack shelf, can be mounted with tie-wrap, monitor plates and various other mounting options.

### KEY BENEFITS

- > **ROBUST** point-of-use IP conversion of signal types from SD to UHD, with a powerful embedded dual-core ARM Cortex A9 1.5GHz processor and **deep packet buffers** for the most demanding of media networking environments.
- > **OPEN CONTROL** brings freedom of choice: seamless integration into your chosen control system via NMOS, EmBER+/RAVENNA, published JSON API and Ross Video's DashBoard ecosystem.
- > **GOES ANYWHERE** flexible mounting options and **studio-quiet** operation.
- > **AGILE, software-defined processing** enables multiple uses and functions via licensing options.





## Newt IPX | Specifications

### TRANSPORT FEATURES

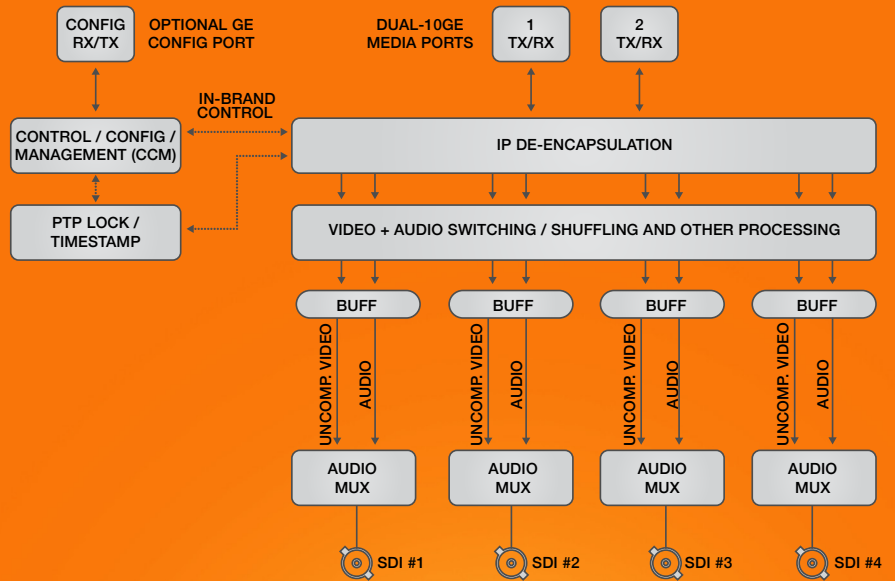
- SMPTE ST 2110 suite, including:
  - > 10, System Timing and Definitions
  - > 20, Uncompressed Active Video
  - > 30, PCM Digital Audio
  - > 31, AES3 Transparent Transport
  - > 40, SMPTE Ancillary Data
- SMPTE ST 2022-7 – Seamless Protection Switching
- HD / 3G and Quad-link UHD-over-IP
- 16 audio channels per SDI interface
- Fully AES67 compliant: L16, L24 and Dolby pass-through

### MECHANICAL / ENVIRONMENTAL

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



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



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

