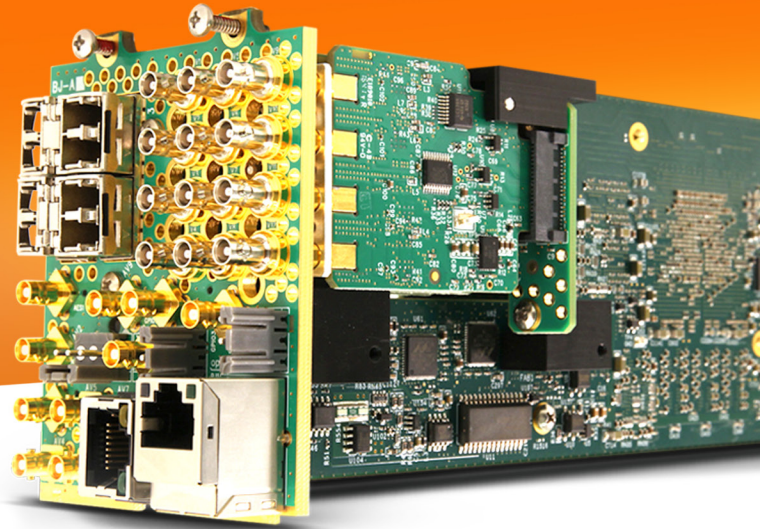# gator®

Software Defined Modular Processing for Forward Thinking UHD Workflows

Gator | Software Defined Modular Signal Processing

Gator is the ultimate in adaptation, bringing software-defined UHD media processing functions to baseband infrastructure. Gator is a platform for a new series of UHD capable signal processing products, the first of which are a multichannel frame synchronizer, and a new branding and keying product. Both products utilize the same powerful hardware and can support SDI data rates from 270Mb/s up to 12Gb/s.

KEY BENEFITS

> **UHD support** on all products.

> **Software enabled processing** allows for platform to be used in a variety of applications.

> **Future** software defined processing will allow customers to apply media processing licenses to different modules as needed.

> Optional **redundant power** supplies on all frames.

> **System ties configuration, control, and monitoring into DashBoard** providing a seamless integration in the **Ross Ecosystem.**

> **Part of the openGear™ product family.** Seamless integration with the world's only truly open modular product series.

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Production Technology Experts

Gator | Product Bundles

GATOR-KEY-PKG
- Gator Base Module
- 12Gb/s keyer software license

Key Features
- SD/HD/3G/12G
- 1 background input
- Keyers: 2 ext key/fill, 2 internal keyers with animation with Clean feed outputs per keyer
- Independently positionable logos
- Graphics can be up to full screen
- Independent transition controls per keyer
- Transition control of layers is independent
- GPIO triggering
- Rosstalk Key Command
- Rosslinq support
- Configurable outputs:
    - Program / Preview / Clean
- 16GB internal storage

Video Format Support
- 720p 50 / 59.94 / 60
- 1080i 50 / 59.94 / 60
- 1080p 50 / 59.94 / 60
- 2160p 50 / 59.94

System Timing and Reference:
- Black burst / tri-level output

Control and Setup:
- Monitoring, setup and connection management via DashBoard™ control.

Physical Specifications:
- 4 slot openGear card
- Power consumption: 60W
- Operating temperature: 0-40 C

GATOR-SYNC-PKG
- GATOR Base Module
- 4 channel 12Gb/s framesync software license

Key Features:
- SD/HD/3G/12G
- 4 independent inputs
- 4 dedicated outputs
- Independently controllable

Video Format Support
- 720p 50 / 59.94 / 60
- 1080i 50 / 59.94 / 60
- 1080p 50 / 59.94 / 60
- 2160p 50 / 59.94

System Timing and Reference:
- Black burst / tri-level output

Control and Setup:
- Monitoring, setup and connection management via DashBoard™ control.

Physical Specifications:
- 4 slot openGear card
- Power consumption: 60W
- Operating temperature: 0-40 C

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