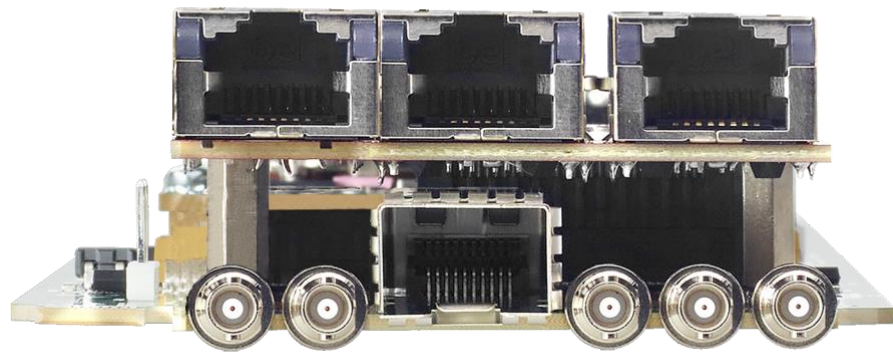# RMoG-12G

12G-SDI Monitor in openGear form factor with options for MADI, 2110, Dante and Ravenna

A Wohler monitor-on-a-card in an openGear Form Factor

This unit is for situations where a local operator is not available to operate the monitor front panel. Access the I/O with Audio, Video, Meters and Loudness via web interface using standard web browser. It's also compatible with **MAVRIC** for multi-user remote monitoring and automated alerts.

Signal Inputs/Outputs:

- 2 x 12G-SDI Inputs on HD-BNCs with selected output on HD-BNC
- 1 x MADI BNC In and loop Out
- 1 x SFP for ST 2022-6 or ST 2110
- 1 x RJ45 for Remote Access
- 2 x RJ45 for Optional Dante/Ravenna (AES67)

Features/Benefits:

- Monitor via web interface using standard web browser for access to audio, video, meters and loudness.
- Automatic frame rate detection and selection
- Software upgradeable via network
- Web browser also used for configuration and preset creation
- Automated alerts available when used with MAVRIC
- Optional upgrades for additional SDI, MADI, 2110, 2022-6, MADI and hitless Ravenna or Dante
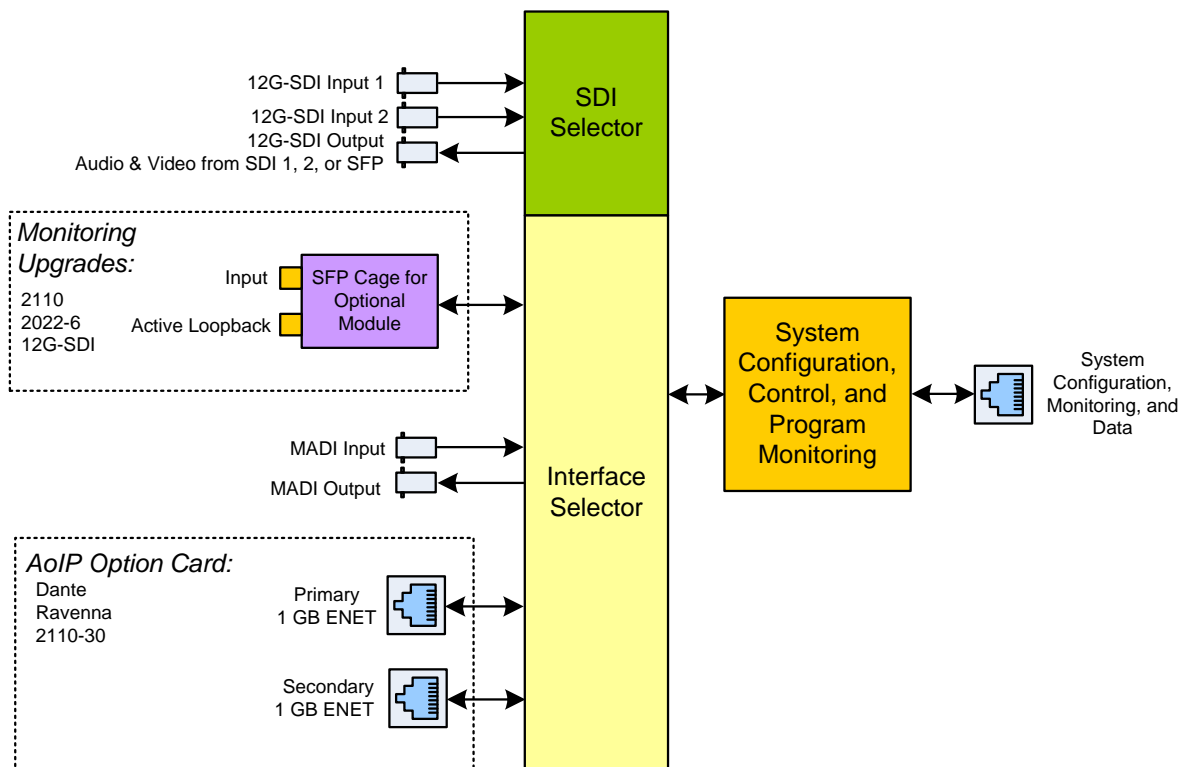
RMoG-12G

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Model	SKU	Description
RMoG-12G-SDI	8140-0200	openGear form factor Wohler Monitor. Ships standard with 2 x 12G SDI Inputs with selected 12G-SDI output. Options available for 2110, 2022-6 and hitless Dante/Ravenna.
I/O Options		
SFP-12G-SDI Fiber	829160	12G, 3G/HD/SD-SDI single mode Optical LC (fiber) video receiver
SFP-2110	829086-2	Receiver; Multi-Mode 850 NM, LC Connectors. Ships standard with NMOS, but can be set to Ember+
SFP-2110+2022-6	829087-2	Either-Or; Multi-Mode 850 NM, LC Connectors. Ships standard with NMOS, but can be set to Ember+
SFP-2022-6	829088	Receiver; LC Connectors
OPT-MADI	829092	Enable monitoring of 1 x MADI64 input with looped output
Option Cards		
OPT-DANTE OPT-Ravenna	829192 829193	This AoIP option card enables decoding and monitoring of up to 64 ch of Dante™ OR Ravenna™ / AES67 / 2110-30 Input streams with NMOS Support. These option cards provide 1 x SFP cage for Primary connection and 1 x RJ-45 port for 2022-7 support.

Block Diagram

Specifications	
Shipping Weight / Net Weight	2.0 lbs. (.90 kg) / 1.0 lbs. (.45 kg)
Power Requirements	Receives power from frame: 9 to 15V DC (12V Nominal)
Power Consumption / Supply	Nominally 10W, 100 to 240 VAC ± 10%, 50-60 Hz, CE & UL approved
Supported Frames	openGear /2RU Enclosure OGX-FR Supported Frames
Audio Channels	16 Max
Upgrades	Via web interface
APIs	Provide easy integration with 3rd party control systems