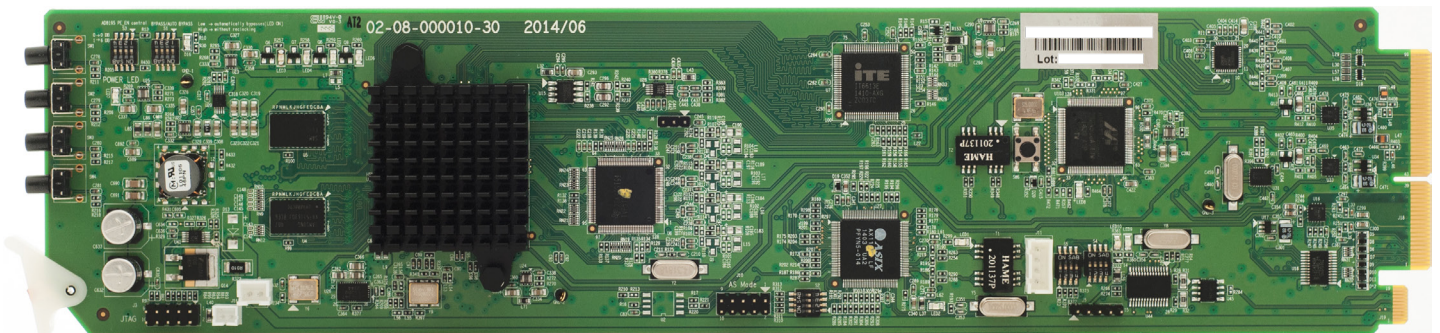


openGear

OG-Micro-4K

4K/UHD (4 x 3G SDI) down converter



OG-Micro-4K-MB

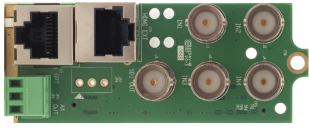
Key Features

- OGX/3.0 card-based form factor
- Dashboard control enabled
- 4 x 3G-SDI inputs, 1 x down converted output
- Low power consumption - 12W
- Decode up to 16 embedded audio per SDI input
- Display up to 8 audio meters per window
- Ethernet for configuration, dynamic labels & Tallies (TSL)
- Simultaneous HDMI and SDI outputs
- 2 GPI tallies per window
- 8 GPI contacts, can be configured for tally or ASCII protocol
- Borders can be turned on or off
- One 32 characters label per window
- Text and background colors have adjustable transparency
- Dynamic (TSL) UMD/Label
- Stereo analog audio monitoring output
- 5 year limited warranty

OPENGEAR

OG-Micro-4K

OG-Micro-4K-RMx



Rear Module (2 slots)

- 4 x BNC Input
- 1 x BNC Output
- 1 x RJ45 (Extended HDMI Output)
- 1 x RJ50 for GPI/Tally
- 1 x 3-pin Connector for AA Out

Standard Accessories

- RJ50 to DB9 (for GPI)
- DB9 to Terminal Block (for GPI)
- 1 x 15 ft CAT6 cable
- 1 x RJ45 to HDMI (HDMI-SR)

Optional Accessories for RMx

HDMI-1-R

Active HDMI Receiver that supports 1080p resolution up to 115 ft /35m

How to Order

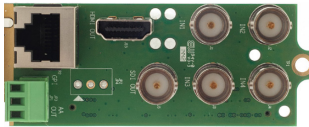
OG-Micro-4K-SET-1

OG-Micro-4K-MB +
OG-Micro-4K-RM

OG-Micro-4K-SET-2

OG-Micro-4K-MB +
OG-Micro-4K-RMx

OG-Micro-4K-RM



Rear Module (2 slots)

- 4 x BNC Input
- 1 x BNC Output
- 1 x HDMI Output
- 1 x RJ50 for GPI/Tally
- 1 x 3-pin Connector for AA Out

Standard Accessories

- RJ50 to DB9 (for GPI)
- DB9 to Terminal Block (for GPI)

Specifications

Total Windows	1	Output	1 x HDMI/DVI, 1 x SDI
Inputs	4 x 3G-SDI	HDMI (OG-Micro-4K-RM)	800x480 to 1920x1200 (1080p) 50/59.94/60Hz
Serial Digital	SMPTE 424M	RJ45 (OG-Micro-4K-RMx)	Up to 35 feet with passive receiver Up to 115 feet with active receiver (option: HDMI-1-R)
Equalization	120m at 2.97 Gbps, with Belden 1694A	SDI	Matching the HDMI output resolution up to 3G
Return Loss	> 15db up to 1.485 Gbps, > 10db up to 3G	On Screen Display	Borders, Labels, Tallies, Audio meters, Alarm tags, Safe area markers
Embedded Audio	SMPTE-272M-A	GPI	8 for tally or AXP (ASCII command)