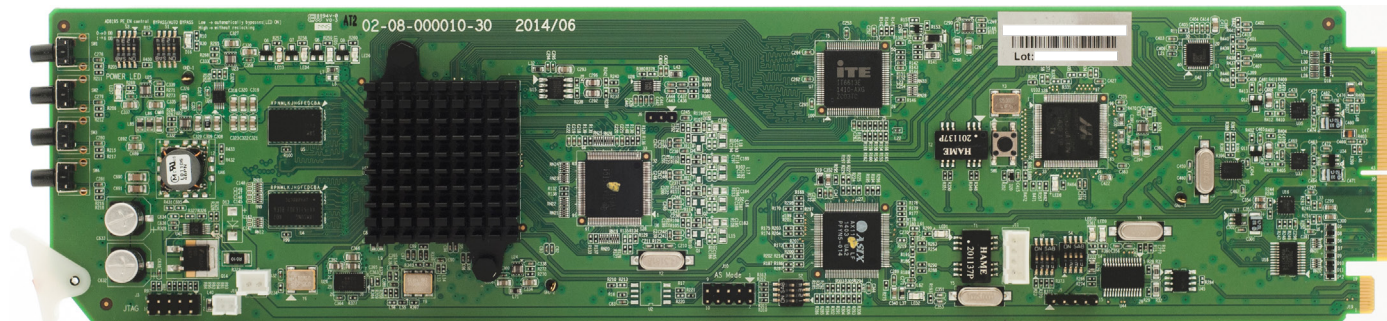


openGear

OG-Micro-UDX

SDI up/down/cross converter with HDMI output



OG-Micro-UDX-MB

Key Features

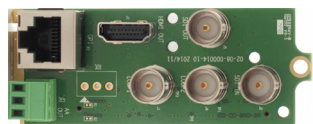
- OGX/3.0 card-based form factor
- Dashboard control enabled
- Auto-detect 3G/HD/SD-SDI, PAL/NTSC inputs
- Does not work with 3G level B
- Low power consumption - 12W
- Single frame processing delay
- Preserves closed caption and embedded audio
- Maximum input SDI resolution up to 2048x1080p
- Decode up to 16 embedded audio per SDI input
- Ethernet for configuration
- Stereo analog audio monitoring output
- SDI output has up to 16 channels of embedded audio
- Passes Closed Captions and Timecode data
- 5 year limited warranty

OPENGear

OG-Micro-UDX

OG-Micro-UDX-RM

Rear Module



- 1 x BNC Input
- 2 x BNC loop out
- 1 x BNC 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)

OG-Micro-UDX-SET-1

- OG-Micro-UDX-MB +
- OG-Micro-UDX-RM

Supported Input / Output				
Input \ Output	1080P@60/59.94/50/30/29.97/25/24/24.psf/23.98/23.98psf	1080i@60/59.94/50	720P@60/59.94/50	525i/625i
1080P@60	✓	✓	✓	✓
1080P@59.94	✓	✓	✓	✓
1080P@50	✓	✓	✓	✓
1080i@60	✓	✓	✓	✓
1080i@59.94	✓	✓	✓	✓
1080i@50	✓	✓	✓	✓
720P@60	✓	✓	✓	✓
720P@50	✓	✓	✓	✓
625i	✓	✓	✓	✓

Specifications

Total Windows	1	Output	2 x SDI loopout, 1 x SDI
Inputs	3G/HD/SD-SDI/Composite	HDMI (OG-Micro-UDX-RM)	800x480 to 1920x1200 (1080p) 50/59.94/60Hz, 23.98/24/25/30Hz
Serial Digital	SMPTE 424M 292M, 259M		
Equalization	120m at 2.97 Gbps, 140m at 1.48 Gbps, 400m at 270 Mbps with Belden 1694A	SDI	Output resolution up to 3G
Return Loss	> 15db up to 1.485 Gbps, > 10db up to 3G	IP	100 Base-T
Embedded Audio	SMPTE-272M-A	Power consumption	12W
Composite	NTSC (SMPTE-170M), PAL (ITU624-2)		
Signal Level	1V nominal Power 12W		
Impedance	75 ohm		