

openGear

OG-3G-Mux-12G

Quadlink 3G SDI input Mux to one single link 12G SDI outputs



OG-3G-Mux-12G-MB

Key Features

- OGX/3.0 card-based form factor
- Dashboard control enabled
- Supports 4 x 3G input (2SI) input
- Supports 1 x 12G SDI video Output
- Passes HDR from input to output
- Analog audio output
- Rec 709/2020 follows input to output
- Optional 12G SDI fiber output via SFP
- Low power consumption - less than 15W
- 5 year limited warranty

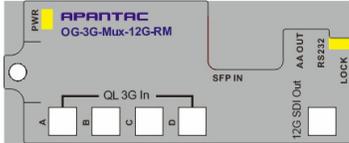
Specifications

Model	OG-3G-Mux-12G
Description	Quad or Dual Link SDI (2SI) Mux to 1x 12G SDI (2SI) output
Inputs	SDI
Outputs	1 x 12G SDI, optional fiber output
Audio	Stereo Analog audio output
Control	Dashboard

OPENGEAR

OG-3G-Mux-12G

OG-3G-Mux-12G-RM



Rear Module (2 slots)

- 4 x 3G input (quad link)
- 1 x 12G output
- 1x multi-pin audio output
- Optional Fiber SFP output

SFP Fiber Options



- 12G SMPTE Fiber receiver SFP
- Single Mode LC connector
- Maximum distance 10 Km

How to Order

OG-3G-Mux-12G-SET-1

OG-3G-Mux-12G-MB +
OG-3G-Mux-12G-RM

OG-3G-Mux-12G-SET-2

OG-3G-Mux-12G-MB +
OG-3G-Mux-12G-RM +
SFP-SDI-12G-Tx

Related Products

OG-12G-DeMux-3G-SET-1

OG-12G-DeMux-3G-MB +
OG-12G-DeMux-3G-RM

OGX-FR-CN-P

openGear X frame with
advanced network card

SUPPORTED SIGNAL TYPE/FORMATS			
709/2020 (PQ, HLG, S-Log3) output follows input.			
Quad Link 3G Level A (2SI)		Output	
3840x2160	YCbCr 4:2:2 10 bit 60p/59.94p/50p	12G 2SI	
	YCbCr 4:2:2 12 bit/12 bit 30P/29.97p, 25p, 24p/23.98p		
	YCbCr 4:4:4 10 bit/12 bit 30P/29.97p, 25p, 24p/23.98p		
	RGB 4:4:4 10 bit/12 bit 30p/29.97p, 25p, 24p/23.98p		
4096x2160	YCbCr 4:2:2 10 bit 47.95p, 48p, 50p, 59.94p, 60p		
	YCbCr 4:4:4 10 bit/12 bit 30P/29.97p, 25p, 24p/23.98p		
	RGB 4:4:4 10 bit/12 bit 30p/29.97p, 25p, 24p/23.98p		
	YCbCr 4:2:2 12 bit 30p/29.97p, 25p, 24p/23.98p		
Dual Link 3G Level B (2SI)			
3840x2160	YCbCr 4:2:2 10 bit 30p/29.97p/25p/24p/23.98p		???
4096x2160	YCbCr 4:2:2 10 bit 30p/29.97p/25p/24p/23.98p		
3G Level A			
4 x 1.5G SDI (6G 2SI)			
3840x2160	YCbCr 4:2:2 10 bit 30p/29.97p/25p/24p/23.98p	6G 2SI	
	4096x2160		YCbCr 4:2:2 10 bit 30p/29.97p/25p/24p/23.98p
3840x2160	YCbCr 4:2:2 10 bit 30P/29.97p, 25p, 24p/23.98p		
4096x2160	YCbCr 4:2:2 10 bit 30P/29.97p, 25p, 24p/23.98p		