OG-3GDA-1x9

The OG-3GDA-1x9 is a state of the art, openGear compatible, 3G-SDI distribution amplifier. The incoming 3G-SDI signal is reclocked and distributed to each of the nine 3G-SDI outputs, allowing the same signal to be sent to multiple destinations simultaneously.

Designed for use in high density openGear 2RU frames including AJA's OG-X-FR frame, new DashBoard software support on Windows, macOS and Linux offers remote control and monitoring of the openGear architecture and provides convenient and industry standard configuration, monitoring and control options over a PC or local network.

https://www.aja.com/products/og-3gda-1x9

$495 US MSRP

Video Formats

- 150 Mbps - 3 Gbps, format agnostic

Video Input Digital

- 1x 3G-SDI BNC, SMPTE-259/292/424

Video Output Digital

- 9x 3G-SDI BNC, SMPTE-259/292/424
  - 5x outputs noninverting

Cable Equalization

(Belden 1694A coax)
- 270 Mbps, 350m
- 1.5 Gbps, 200m
- 3 Gbps, 120m

Reclocking

- 270 Mbps, 1.483 Gbps, 1.485 Gbps, 2.966 Gbps, 2.970 Gbps - Auto Select
- All other rates are passed through and not reclocked

User Controls

- openGear DashBoard network control software via Windows, macOS or Linux

Size (w x d x h)

- openGear standard form factor, front slot and rear card
- Two slots required for each card

Weight

- 0.5 lb (0.3 kg)

Power

- openGear frame compatible, 2.5 watts max per card

Environment

- Safe Operating Temperature Range: 0C to 40C (32F to 104F)
- Safe Storage Temperature Range (power OFF):-40C to 60C (-40F to 140F)
- Operating Relative Humidity :10-90% noncondensing
- Operating Altitude: <3,000m (<10,000ft)