



OG-FiDO-R

The OG-FiDO-R is a state of the art, openGear compatible Fiber to 3G-SDI converter, enabling 3G-SDI signals to be extended up to 10 km (32,808 ft) over standard single mode fiber optic cable. The fiber input is reclocked with best in class input jitter tolerance.

\$632 US MSRP

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://static.aja.com/products/og-fido-r>

Video Formats

- 150 Mbps - 3 Gbps, format agnostic

Video Input Digital

- 1-channel Single Mode LC Fiber Input, SMPTE-297
- Nominal Wavelength: 1260 - 1620 nm
- Optical Sensitivity: -18dBm (Max)
- Overload Power: -3dBm (Min)

Video Output Digital

- 1-channel Dual matching 3G-SDI BNC Output, SMPTE-259/292/424

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 Interface

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

Size

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