FiDO-R-12G

FiDO-R-12G offers unmatched flexibility and cost efficiency for 12G/6G/3G/HD/SD-SDI Fiber conversion, allowing for cable runs up to 10 km (32,808 ft) over standard single-mode fiber optic cable.

$989 US MSRP

FiDO converters use a compact, low-profile enclosure that works well in tight spaces around and behind equipment racks, trucks and on camera.

https://www.aja.com/products/fido-r-12g

Video Formats

- 270 Mbps - 12 Gbps, format agnostic

Video Input Digital

- 1-channel 12G-SDI Single Mode LC Fiber connector, SMPTE 297/259/292/424/2081/2082
- Nominal Wavelength: Rx 1260 nm (Min), 1620 nm (Max)
- Optical Sensitivity: -10 dBm (Max) for 6 Gbps & 12 Gbps, -14 dBm (Max) for 270Mbps, 1.5 Gbps & 3 Gbps
- Overload Power: -2 dBm (Min)

Video Output Digital

- 1-channel dual matching 12G-SDI BNC connectors, SMPTE 259/292/424/2081/2082

Reclocking

- 270 Mbps, 1.483 Gbps, 1.485 Gbps, 2.967 Gbps, 2.970 Gbps, 5.934 Gbps, 5.940 Gbps, 11.868 Gbps, 11.880 Gbps - Auto Select
- All other rates are passed through and not reclocked

Size (w x d x h)

- 4.6" x 1.71" x 0.85" (117.0 x 43.5 x 21.6mm)

Weight

- 0.4 lb (0.2 kg)

Power

- 2 watts, max
- Uses 5-20VDC power, AJA power supply model DWP-U-R1 included

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)