FiDO-TR

FiDO-TR offers unmatched flexibility and cost efficiency for SDI-Fiber conversion, allowing for long cable runs up to 10 km (32,808 ft) with electrical isolation - useful for eliminating ground loop problems.

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-tr

$879 US MSRP

Video Formats

- 150 Mbps - 3 Gbps, format agnostic

Video Input Digital

- 1-channel independent 3G-SDI BNC Input, SMPTE-259/292/424
- 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 independent 3G-SDI BNC Output, SMPTE-259/292/424
- 1-channel Single Mode LC Fiber Output, SMPTE-297
- Nominal Wavelength: 1310 nm
- Optical Power: -5dBm (Min), 0dBm (Max)
- Extinction Ratio: 7.5dB (Typ)

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

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

- 3 watts, max
- Uses 5-20VDC power, universal power supply 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)