



FiDO-TR-MM

FiDO-TR-MM offers unmatched flexibility and cost efficiency for 3G-SDI Fiber conversion, allowing for cable runs up to 700 m (2296 ft) for OM4 and 300 m (984 ft) (OM3) for Multi-Mode* fiber optic cables - 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-mm>

Video Formats

- 150 Mbps - 3 Gbps, format agnostic

- 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)

Video Input Digital

- 1-channel independent 3G-SDI BNC Input, SMPTE-259/292/424
- 1-channel Multi-Mode LC Fiber Input, SMPTE-297
- Nominal Wavelength: 850 nm
- Optical Sensitivity: -15dBm (min)
- Overload: 0 dBm

Video Output Digital

- 1-channel independent 3G-SDI BNC Output, SMPTE-259/292/424
- 1-channel Multi-Mode LC Fiber Output, SMPTE-297
- Nominal Wavelength: 850 nm
- Optical Power: -7dBm (min), -2dBm (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.85" (117 x 43.5 x 21.6mm)

Weight

- 0.4 lb (0.2 kg)

Power

- 3 watts max
- Uses 5-20VDC power (AJA power supply model DWP-U-R1 included)

Environment