

## 2/4/8 Channel Contact Closure Or TTL Data Over Fibre



8/4/2 Ch Bi-directional Contact Closure or TTL Data over 1 fiber to 2 Kilometers (MMF) or 20 Kilometers (SMF) for application of Fire & Alarm Systems /Access Control System.

Keywords: contact closure over fiber Contact Closure fiber optic transceiver modules Dry Contact closure over fiber contact closure-to-fiber Dry contact fiber converter TTL Data over fiber converter TTL Data over fiber extender

### Features:

- Independent 8/4/2 Channels Bi-directional (2 way) Dry Contact Closure or TTL data over 1 fiber
- Multimode Fiber Support for Distances up to 2 km, Single-Mode Fiber Support for Distances up to 20 km
- LED Status Provide Rapid Indication of Operating Parameters; hot Plug & Play designing ensures adjustment-free installation and operation
- No EMI or RFI and no ground loops
- Stand alone or rack-mount; Support Point-to-Point or Daisy-Chain connection

### Description

Contact Closure over Fiber series support 8/4/2 Channels Bi-directional (2 way) contact closure over one multi-mode or single-mode optical fiber. it is typically used in applications with Access Control System, Alarm Event Triggering, Building Automation and Environmental Control Systems, Fire & Alarm Systems, PIR signal Transmission, Traffic Signal Control Equipment etc

Beyond Opto

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### Optical:

Wavelength: 1310/1550 nm

Output Power: -14~ -8 dBm

Optic fiber: 50/125u multi-mode, 62.5/125u multi-mode, 9/125u single mode

Rx sensitivity: -30 dBm

Optical connector: 1 x SC (Default), FC/ST (Optional)

Distance: 2 Km (MMF) / 20 Km (SMF)

### Contact Closure:

Data Formats: Contact Closure, TTL

Data Rate: DC to 200Kbps

Response Time: 2 ms

Relay/Contact Rating: 0.5 A @ 200 VDC

Bit Error Rate: < 10E-9

Connector: Standard Terminal Blocks

Signal input: Arbitrary alarm, Binary input, support TTL, RS-232/422/485 or passive dry Contact Closure

Signal output: Arbitrary alarm, Binary output, support TTL, RS-232/422/485 or relay output

### Electrical & Mechanical:

Input Power Requirements: DC 5V@2A

Power Adapter: AC 90V~240V

Power Consumption: < 5W

Stand-Alone Dimensions: 175 mm×154 mm×30 mm

Shipping Weight: (include Transmitter & Receiver ) 1.5kg

### Environmental:

Operating Temperature: -20°C ~ +75°C

Storage Temperature: -40°C ~ +85°C

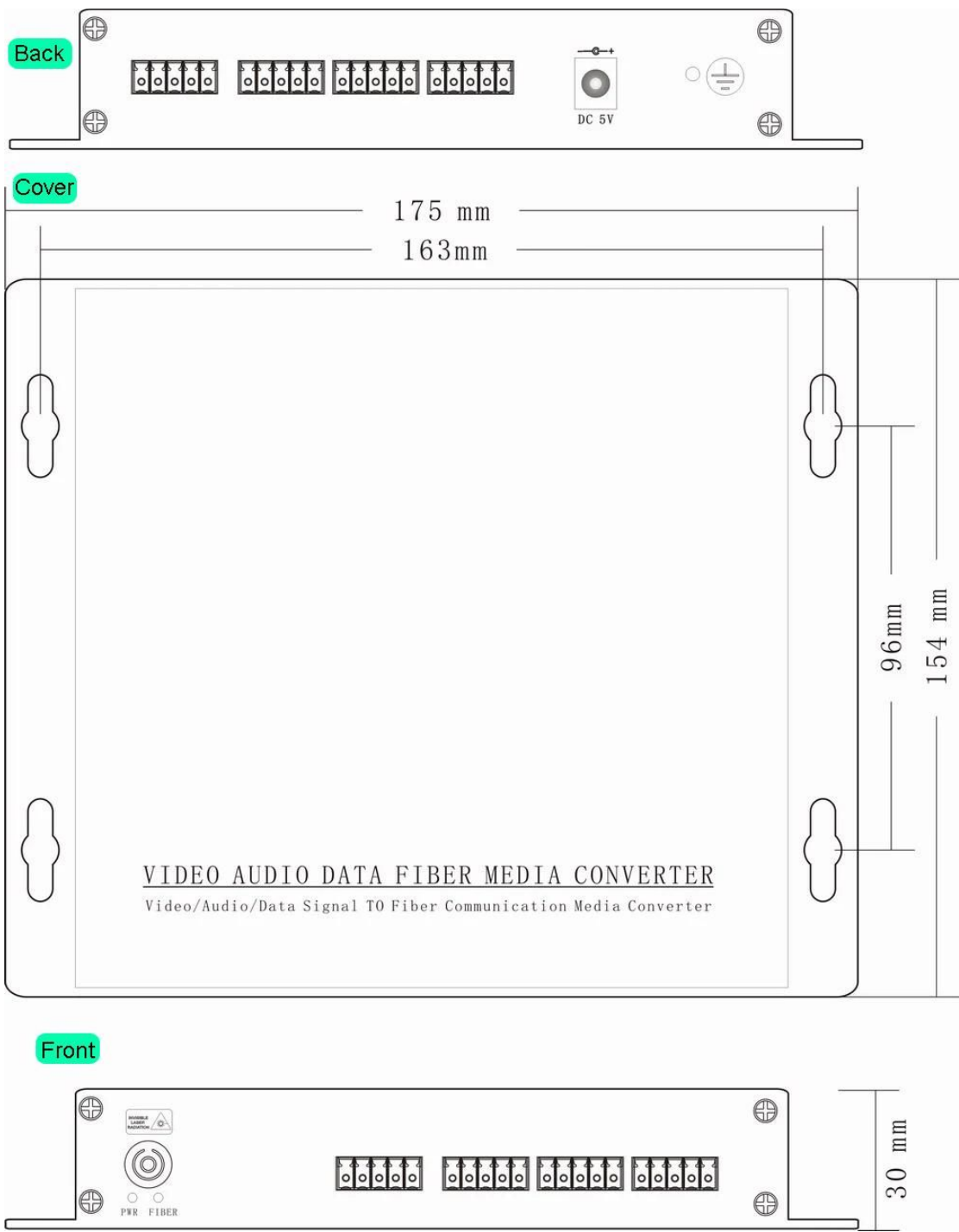
Relative Humidity: 0% ~ 95% (non-condensing)

MTBF: >100,000 hours

### Package:

1. 1 x transmitter with optical module.
2. 1 x receiver with optical module
3. 2 x Power Supply Adapters
4. 1 x Manual

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