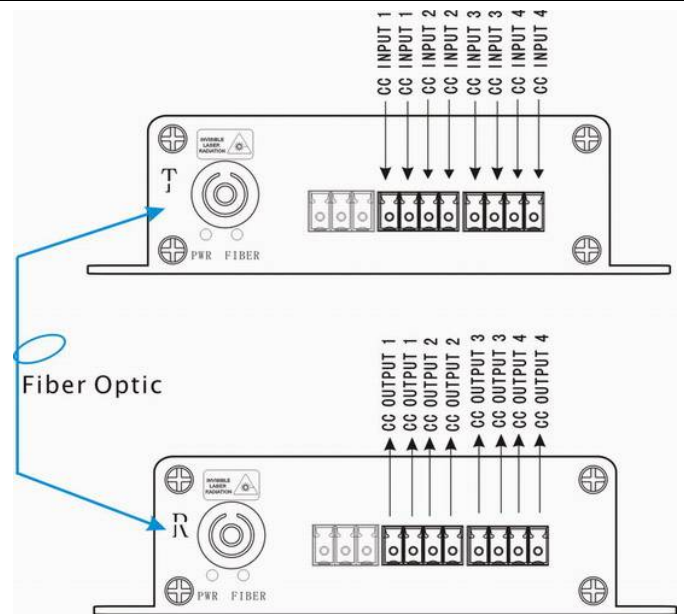


# 4 ch Contact Closure to Fiber Optic Converter



**A Product Picture**



**System connection diagram**

**4 ch Contact Closure to Fiber Optic Converter** support 4 ch contact closure over one multi-mode or single-mode optical fiber. These fiber optic transmitter and fiber optic receiver are 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, and are available for stand-alone or rack-mount installations. FC, ST or SC optical connectors is optional.

Plug and Play design ensures adjustment-free installation and operation, and optical adjustments are never required. LED indicators are provided to instantly monitor the system operating status.

## Features:

- Support Point-to-Point or Daisy-Chain connection
- Dry Contact Closure or TTL data over one fiber
- Multimode Fiber Support for Distances up to 2 km
- Single-Mode Fiber Support for Distances up to 100 km
- LED Status Provide Rapid Indication of Operating Parameters
- No EMI or RFI and no ground loops
- Stand alone or rack-mount
- Produce according to customer's specifications, providing OEM

Optical:	
Wavelength	1310nm&1470nm~1610nm
Output Power	-14~-8dBm / -5~0dBm
Optic fiber	50/125u multimode, 62.5/125u multimode, 9/125u single mode
Rx sensitivity	-30dBm
Optical connector	FC、ST、SC (optional)
Distance	0~2KM (MM) / 0~100KM (SM)

<b>Contact Closure:</b>	
Connector	Standard terminal lead
Signal input	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
<b>Electrical &amp; Mechanical:</b>	
Input Power Requirements:	DC 5V@2A
Power Adapter:	AC 90V~240V
Power Consumption:	< 3W
Stand-Alone Dimensions:	104mm × 104mm × 28mm
Shipping Weight:	(include Transmitter & Receiver ) 0.75kg
<b>Environmental:</b>	
Operating Temperature:	-20°C ~ +75°C
Storage Temperature:	-40°C ~ +85°C
Relative Humidity:	0% ~ 95% (non-condensing)
MTBF:	>100,000 hours