



The **HFB-FO-IO-CH1 Contact Closure over Fiber** series support 1~16 Channels simplex or 1~8 Channel duplex 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.

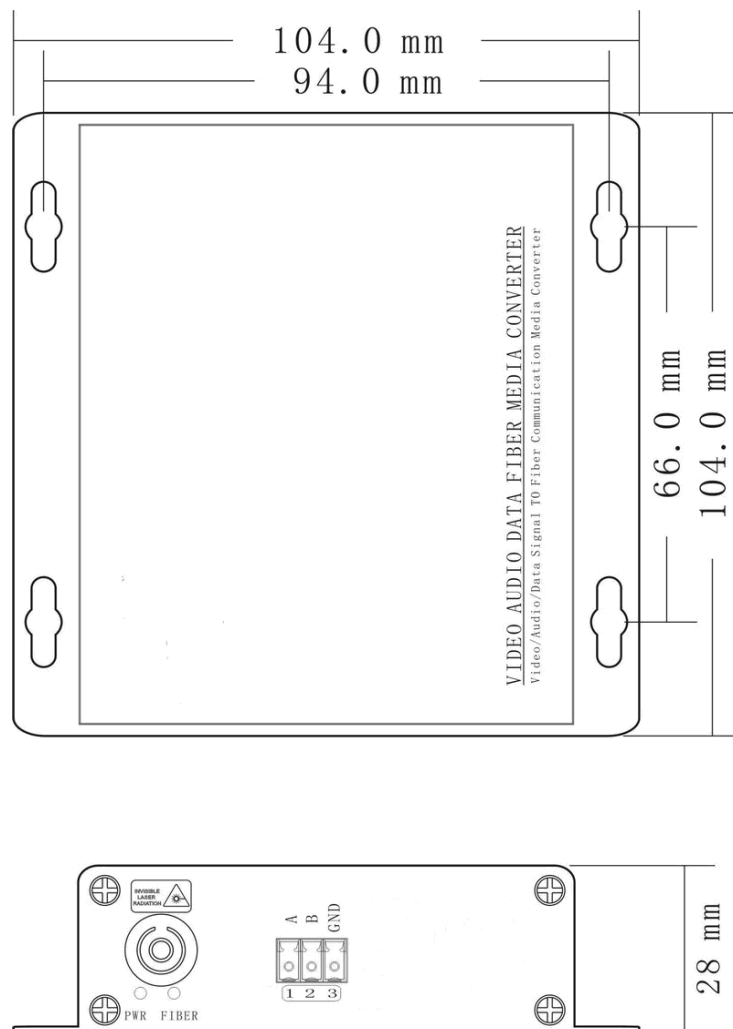
Features

- Support Point-to-Point or Daisy-Chain connection
- Dry Contact Closure or TTL data over one fiber
- Multi mode Fiber Support for Distances up to 4 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

Electrical & Mechanical	
Input Power Requirements:	DC 5V@2A
Power Adapter:	AC 90V~240V
Power Consumption:	< 3W
Stand-Alone Dimensions:	104mm × 104mm × 28mm or
Shipping Weight:	(include Transmitter & Receiver) 0.8kg

Environmental	
Operating Temperature:	-20°C ~ +75°C
Storage Temperature:	-40°C ~ +85°C
Relative Humidity:	0% ~ 95% (non-condensing)
MTBF:	>100,000 hours

Standalone Dimensions:



System design:

