

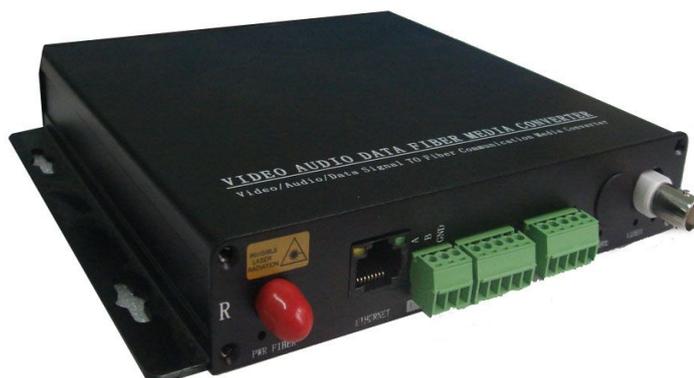
## Overview

The 1 ch forward video + 1 ch RS232/422/485 + 1 ch Bidi contact closure to fiber converter transmit binary signal in one single optic fiber. It can be used in infrared alarm detector, fire, smoke detectors anti-theft detectors and alarm system of long distance connection.

The fiber converter adopts optic fiber transmission technology

transmitting multi channels contact closure signal over a single fiber. All digital uncompressed technology ensures real time transmission without distortion.

The modular design makes it easier for customer flexibly choose configuration according to specific application. Convenient for customer improve cable utilization rate. It has the advantages of high integration, small volume, low power consumption, reliable work, convenient for installation and operation.



## Specifications

### 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) / 0~20 or 50KM (SM)

### Data

Data protocol	RS232 RS422 RS485
Data rate	0~ 200 Kbps
Error rate	$< 10^{-9}$
Connector	Standard terminal lead

### Binary input/Output

Connector	Standard terminal lead
Contact Closure	Dry contact
Signal input	Alarm, Binary input, support TTL、RS-232/422/485 or passive switch button
Signal output	Arbitrary alarm, Binary output, support TTL、RS-232/422/485 or relay output

**Total Weight:** 2kg/pair (with power and package)

**Operating Voltage:** AC100-240V / DC 12V

**Operating Temperature :** -20°C~ +75°C

**Storing Temperature :** -40°C ~ +85°C

**Humidity:** 0~95% Non-condensing

**MTBF :**  $\geq$  100000Hours

**Standalone Dimensions:** 183 \* 154 \* 30mm

**Warranty:** 3 years

**System design:**

