

## Overview



G-NET G-4K Contact Closure to Fiber converter supports 4 channel dry contact closure or TTL data input signal up to 100km by single-mode single fiber. It is widely used in Alarm Event Triggering, Building Automation and Environmental Control Systems, Fire & Alarm Systems, Gate control, PIR signal Transmission, Traffic Signal Control Equipment, etc.

## Features

- Support Point-to-Point connection
- Support 4 Channel Forward Contact Closure or TTL data over single fiber up to 100km(Single-Mode)
- LED indicators display the working status,supporting simple trouble shooting
- No EMI or RFI and no ground loops
- Plug and play, no configuration required
- Desktop,easy to install and use

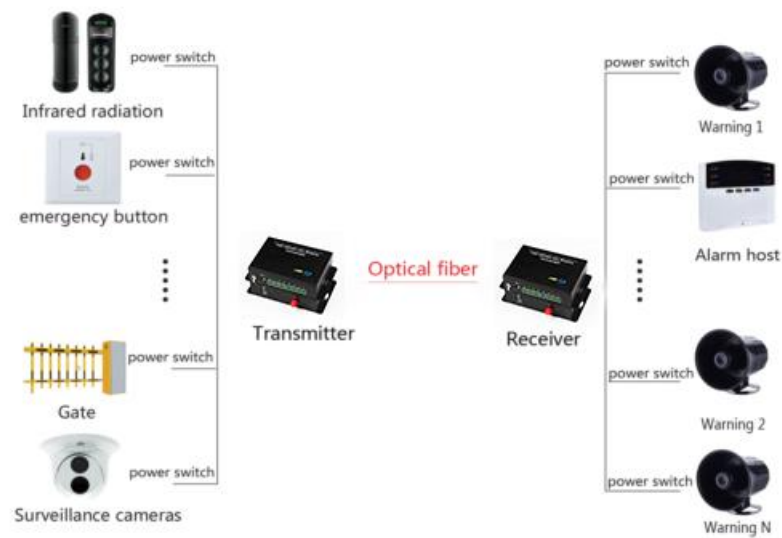
**Specifications**

<b>Contact Closure</b>	
Number of Channels	4 Channel Forward
Connector	Terminal Block
Data Formats	Contact Closure, TTL
Data Rate	DC to 200Kbps
Bit Error Rate	< 10E-9
<b>Optical</b>	
Fiber mode	Single-mode,Single fiber
Connector	Simplex FC/UPC or SC/UPC
Wavelength	1310nm/1550nm
Transmission Distance	0-100Km(Single mode)
<b>Power</b>	
Power Adapter Input Voltage	AC 100-240V (External Power Adapter)
Power Adapter Output Voltage	DC 5V
<b>Mechanical</b>	
Case	Metal
Cooling way	Natural cooling,fanless design
Installation	Desktop
Dimension	90x70x25mm (LxWxH)
<b>Environmental</b>	
Operating Temperature	-20°C ~ +70°C
Storage Temperature	-40°C ~ +85°C
Relative Humidity	0-95% (no condensation)
MTBF	>100,000 hours

**Ordering Information**

<b>Model</b>	<b>Description</b>
G-4K-FC20T/R	4CH Forward Contact Closure(Normal Closed/Normal Open),Single Fiber,20KM,FC

## Application Diagram



G-NET TECHNOLOGY CO., LIMITED

Due to continuous improvement, all product specifications are subject to change without further notice.