

## TRICOM 4K HDMI TO FIBER 4K@60Hz



*\*Product appearance is subject to change without prior notice.*

### Description

4K HDMI fiber converter, is composed of HDMI transmitter and receiver. Through optical cable and high-speed photoelectric conversion transmission rate, it can extend 4K×2K@60Hz HDMI signal as far as 10-60KM. It has been widely used in various fields. Large-scale multimedia high-definition display, information release and news center, traffic guidance and information display system, outdoor large-screen display system, large-scale stage display and entertainment center, live TV, multimedia conference, military command and exercise and other fields.

### Features

1. Support HDMI 2.0 high-definition and 3D video signal transmission, maximum resolution: 4096×2160@60HZ
3. It can transmit EDID back and supports HDCP content protection.
4. Support USB 1.1 keyboard and mouse transmission;
5. Support HDMI interface hot-swappable, low energy consumption, plug-and-play, and strong compatibility
6. Multi-mode fiber 300 meters, single-mode fiber 10~60KM long-distance transmission.
7. The metal shell is suitable for harsh industrial environments such as extremely high temperatures and extremely low temperatures;

- 8. Full surface mounting technology and high reliability;
- 9. No software settings are required, and it supports plug-and-play function and hot-swapping;

## Parameters

| Terms                         | Description  |
|-------------------------------|--|
| Version                       | HDMI v2.0, HDCP v2.0                                 |
| Maximum pixel clock frequency | 340 MHz  |
| Support HD format             | HDTV compatible with 1080p, 2K 和 4K (UHD) format     |
| Wavelength                    | 1310nm FP / 1490nm DFB / 1550nm DFB                  |
| Fiber                         | 50/125μ OM3 MM / 300 meters<br>9/125μ SM / 10~60KM   |
| Input and output              | HDMI   |
| Fiber port                    | LC   |
| Working temperature           | 0° to +50° C   |
| Storage temperature           | -20° to +70° C                                       |
| Humidity                      | 10% to 90%(no condensation)                          |
| Consumption                   | 10W  |
| Adapter                       | Input: 100~240VAC / 50-60Hz, 0.5A Output: 5VDC, 2.0A |



# Connection Diagram

