

## 10/100M Industrial Fiber Media Converter

### 1. Product Description

The 10/100M Industrial fiber media converter is designed for harsh Industrial environment -40 ~ 85°C temperature and with good EMC function. It is convert 100BASE-FX fiber to 100Base-TX copper media or vice versa. IP40 protection, fanless design, redundant power supply.

### 2. Features

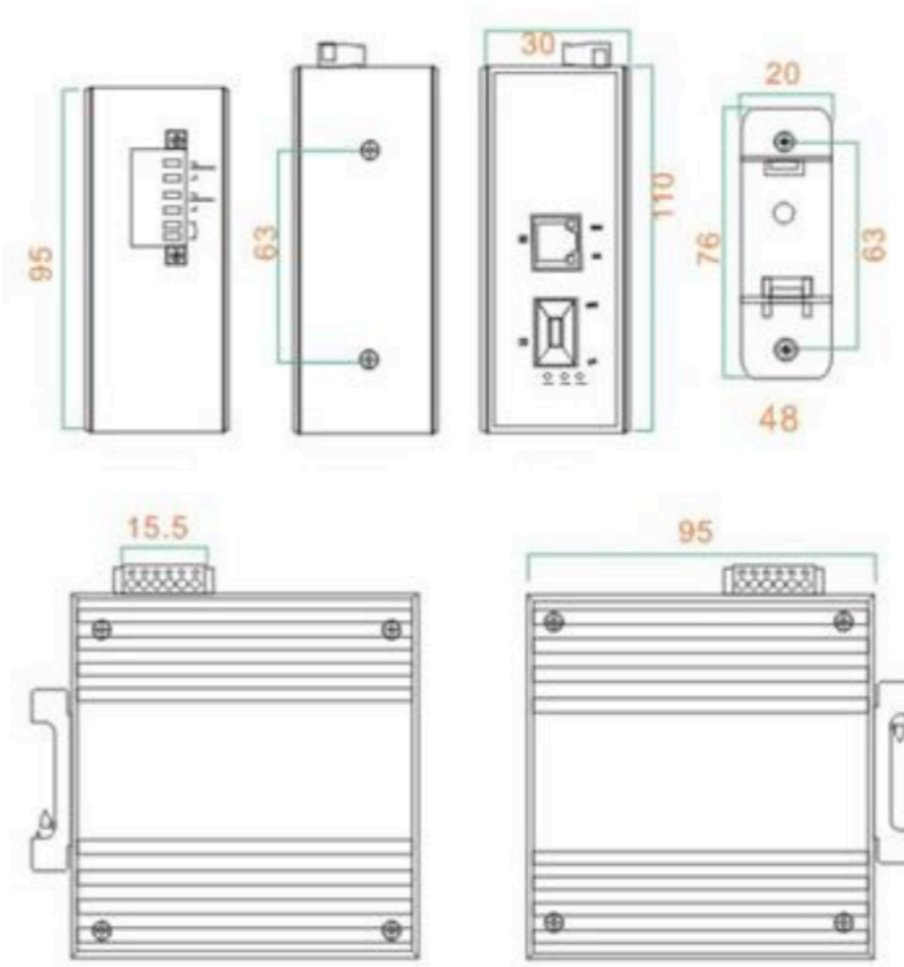
- Operating temperature: -40~85°C
- Din Rail mounting, IP40 protection
- Support auto negotiation of 10/100Mbps and auto MDI/MDI-X for TP port
- DC9~36V or AC 100-240V power supply
- Extends fiber distance up to 2km for multi-mode fiber and 120km for single mode

### 3. Specification

Parameter	Specifications
Access mode	10/100Mbps
Standard	IEEE802.3 10Base-T Ethernet, IEEE802.3u, 100Base-FX Fast Ethernet
Wavelength	850nm/1310nm/1550nm
Transmission Distance	Dual-fiber Multi-mode: 2 km; Dual-fiber single mode: 20/40/60/80/100/120km; Category-5 twisted pairs: 100m
Port	RJ45 port: Connected to STP/UTP category-5 twisted pairs Fiber port: Single mode Dual-fiber: SC or FC (9/125µm) Multi-mode dual fiber: SC/ST/FC/ (50/125µm or 62.5/125µm)
MAC address table	4K
Buffer space	512Kb
Jumbo Frame	2K Bytes
BER ( Bit error rate)	<1/10000000000
MTBF	100,000 hours

<b>Power supply</b>	DC9~36V or AC 100-240V power supply
<b>Operating temperature</b>	-40~85°C
<b>Operating humidity</b>	5%~90%
<b>Storage temperature</b>	-40~85°C
<b>Storage humidity</b>	5% ~ 90% (non-condensing)

#### 4. Outline Dimension



#### 5. Ordering Information

Model No	Product Description
OP-810-1F1T	10/100M Industrial Media Converter, one fiber port + one RJ45 port
OP-810-1F2T	10/100M Industrial Media Converter, one fiber port + two RJ45 ports