

Micro Mini Industrial 2 Ports Gigabit (PoE) Media Converter

Model: COMEMICRO2RJSFP



Overview

The Mini Media Converter is a Ultra Compact DIN rail type Media Converter that supports external SFP Modules and meets EN55022 standard. It is a hardened grade product whose operating temperature range is -40° C to +75° C. It supports 10/100/1000Base-T and 1000Base-X SFP Port. The Ethernet port supports both half-duplex and full-duplex mode. Users can use different type of SFP modules (single-mode/multi-mode fiber, 1/2 core) as needed.

This media converter is ultra small in size, it's easy to install and integrated in other equipments. With 90~250V AC input, the converter don't need extra power adapter which will save cost and space for industrial power supply. It's suitable for small cabinet or box without DC-AC power supply.

Features

- * 2-port 10/100/1000BASE-T RJ45 with auto MDI / MDI-X function
- * 1 port 1000Base-X SFP slot
- * Supports AC 90~250V power input
- * Supports IEEE802.3af/at PoE output(Optional)
- * Support Jumbo Frame
- * Supports Full/Half-duplex, Auto-negotiation
- * IEEE 802.3az Energy Efficient Ethernet (EEE)
- * Supports DIN-Rail & Wall-mount installation
- * Environmentally hardened -40°C to 75°C (-40°F to 167°F) operating temperature

Specification

Ethernet	
Standards:	IEEE802.3 10Base-T
	IEEE802.3u 100Base-TX/FX
	IEEE802.3ab 1000Base-T
	IEEE802.3z 1000Base-X
	IEEE 802.3az Energy Efficient Ethernet (EEE)
	IEEE 802.3af/at (Optional)
Processing Type:	Store-and-Forward
Forward Filter Rate:	14,880pps (10Mbps)
	148,800pps (100Mbps)
	1,488,000pps (1000Mbps)
Packet Buffer Memory:	1 Mbit
Max Packet Length:	9K Bytes
Address Table Size	2K MAC Addresses
Interface	
Connector:	2 x RJ45
Optical Port:	1 x SFP 1000Base-X
PoE (Optional)	
PoE Standard	IEEE 802.3af/at
Power Budget	Max 40W total
Power Pin	45+, 78-
Electrical and Mechanical	
Input Power:	AC 90~250V, 3-pin terminal block
Power Consumption:	Non-PoE: 5W max; PoE: 45W Max.
LED Indicators:	
PW:	On: Power Supply Normal
	Off: Power not connected
L/A (TP)	On: A network device is connected
	Off: No network device connected
	Blinking: Data transmission
L/A (FX)	On: Fiber connected
	Off: Fiber not connected
	Blinking: Data transmission
Dimensions (WxDxH):	52.5 x 39 x 58 mm
Weight:	0.15Kg
Casing:	Aluminum Case
Mounting Options:	DIN-Rail / Wall-mount
Environmental	
Operating Temperature:	-40°C to 75°C (-40°F to 167°F)
Storage Temperature:	-40°C to 85°C (-40°F to 185°F)

Relative Humidity:	5% to 95% non-condensing
MTBF	> 200,000 hrs
Regulatory Approvals	
ISO9001, CE, FCC, RoHS	
EMI: EN55022:2010+AC: 2011, Class A EN 61000-3-2: 2006+A1: 2009+A2: 2009 EN 61000-3-3: 2013 EN55024: 2010	
EMS: IEC 61000-4-2: 2008 (ESD) IEC 61000-4-3: 2010 (RS) IEC 61000-4-4: 2012 (EFT) IEC 61000-4-5: 2014 (Surge) IEC 61000-4-6: 2013 (CS) IEC 61000-4-8: 2009 (PFMF)	