

IMC-1021FX

Industrial media converter with 2x10/100TX & 1x100FX

Highlights

- Supports auto-negotiation and auto-MDI/MDI-X in 10/100Base-T(X) ports
- 2 10/100Base-T(X) ports to save the usage of cooper ports
- High reliability and rigid IP-30 housing

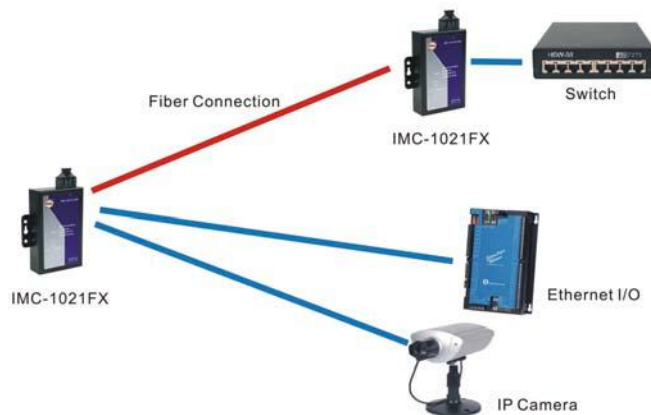


Features

- Supports 2 ports 10/100Base-T(X) auto-negotiation and auto-MDI/MDI-X
- Wide operating temperature range from -10 to 60°C
- Extended operating temperature model ready from -40 to 70°C
- Rigid IP-30 housing design
- DIN-Rail and panel mounting enabled

Introduction

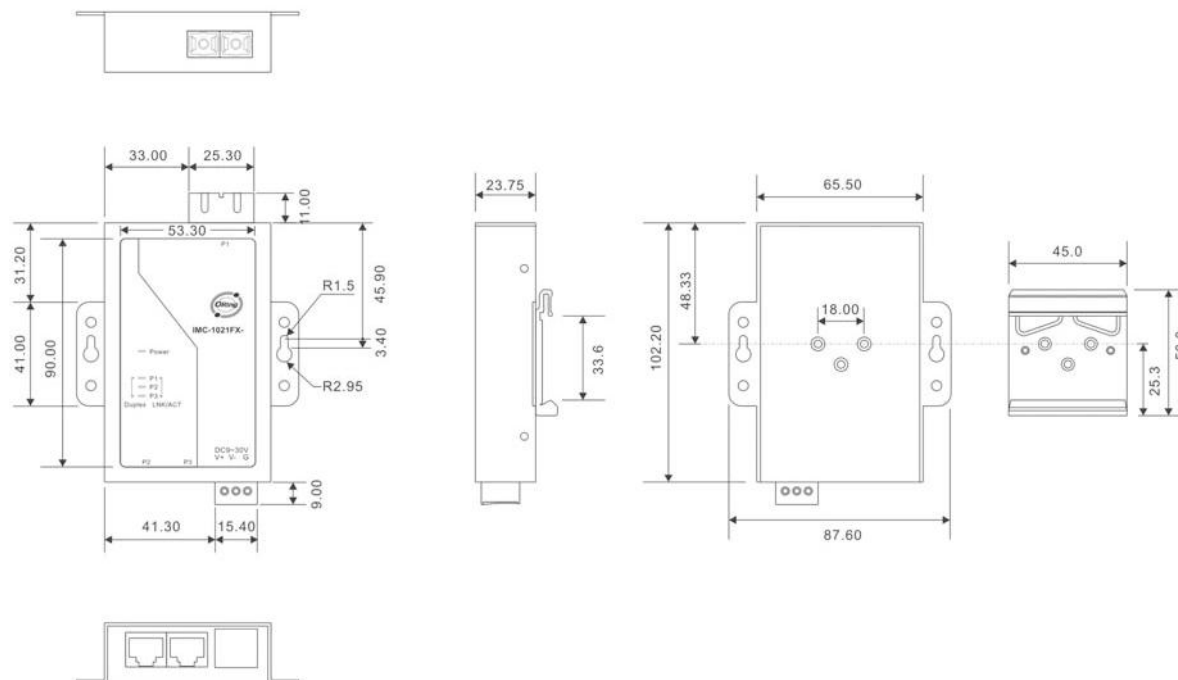
IMC-1021FX are industrial media converters provide media conversion between 10/100BaseT(X) and 100BaseFx. IMC-1021FX series are rigid IP-30 housing design and supporting an operating temperature of -10 to 60°C, and an extended operating temperature (T models) of -40 to 70°C. Therefore, the IMC-1021FX are reliable media converters and can satisfy most demand of operating environment.



Connections of Media converter

Dimension

(Unit=mm)



Specifications

ORing Media Converter	IMC-1021FX-MM	IMC-1021FX-SS
Physical Ports		
10/100Base-T(X) Ports in RJ45 Auto MDI/MDIX	2	2
100Base-FX Multimode ports (2KM, 1310nm, SC connector)	1	-
100Base-FX Singlemode ports (30KM, 1550nm, SC connector)	-	1
Technology		
Ethernet Standards	IEEE 802.3 for 10Base-T, IEEE 802.3u for 100Base-T(X) and 100Base-FX,	
LED indicators		
Power / Ready indicator	Green : Ready LED x 1	
10/100TX RJ45 port indicator	Green for port Link/Act. Yellow for duplex.	
Power		
Input power	9~ 30 VDC voltage power input	
Power consumption (Typ.)	4.5 Watts	
Overload current protection	Present	
Reverse polarity protection	Present on terminal block	
Physical Characteristic		
Enclosure	IP-30	
Dimension (W x D x H)	64 mm (W) x 102 mm(D) x 25 mm(H)	
Weight (g)	300 g	300 g

Environmental	
Storage Temperature	-40 to 85°C(-40 to 185°F)
Operating Temperature	-10 to 60°C (14 to 140°F) Extended temperature model (-40 to 70°C, -40 to 158°F, -T model)
Operating Humidity	5% to 95% Non-condensing
Regulatory approvals	
EMI	FCC Part 15, CISPR (EN55022) class A
EMS	EN61000-4-2 (ESD), EN61000-4-3 (RS), EN61000-4-4 (EFT), EN61000-4-5 (Surge), EN61000-4-6 (CS), EN61000-4-8, EN61000-4-11
Shock	IEC60068-2-27
Free Fall	IEC60068-2-32
Vibration	IEC60068-2-6
Safety	EN60950
Warranty	5 years

Ordering Information

IMC-1 **AA** **B** **CC** - **DD** - **EE** - **F**

Code Definition	Code Definition 10/100TX	Port Number	Fiber Port Number	Fiber Port Type Fiber Optical Mode	Fiber Optical Connector	Operating Temperature
Option	- 02: 2 ports	- 1: 1 ports	- FX: 100FX	- MM: Multi-mode - SS: Single-mode	- SC: SC connector	- T: for (-40 to 70°C) * Regular model: (-10 to 60°C)

	Model Name	Description	Operating Temperature
Available Model	IMC-1021FX-MM-SC	Industrial media converter with 2x 10/100TX & 1x 100FX, multi-mode	Regular model (-10 to 60°C)
	IMC-1021FX-SS-SC	Industrial media converter with 2x 10/100TX & 1x 100FX, single-mode	
	IMC-1021FX-MM-SC -T	Industrial media converter with 2x 10/100TX & 1x 100FX, multi-mode	Extended model (-40 to 70°C)
	IMC-1021FX-SS-SC -T	Industrial media converter with 2x 10/100TX & 1x 100FX, single-mode	