

IMC-121FB Series



➤ **Industrial mini type Ethernet to fiber media converter with 2x10/100Base-T(X) and 1x100Base-FX**

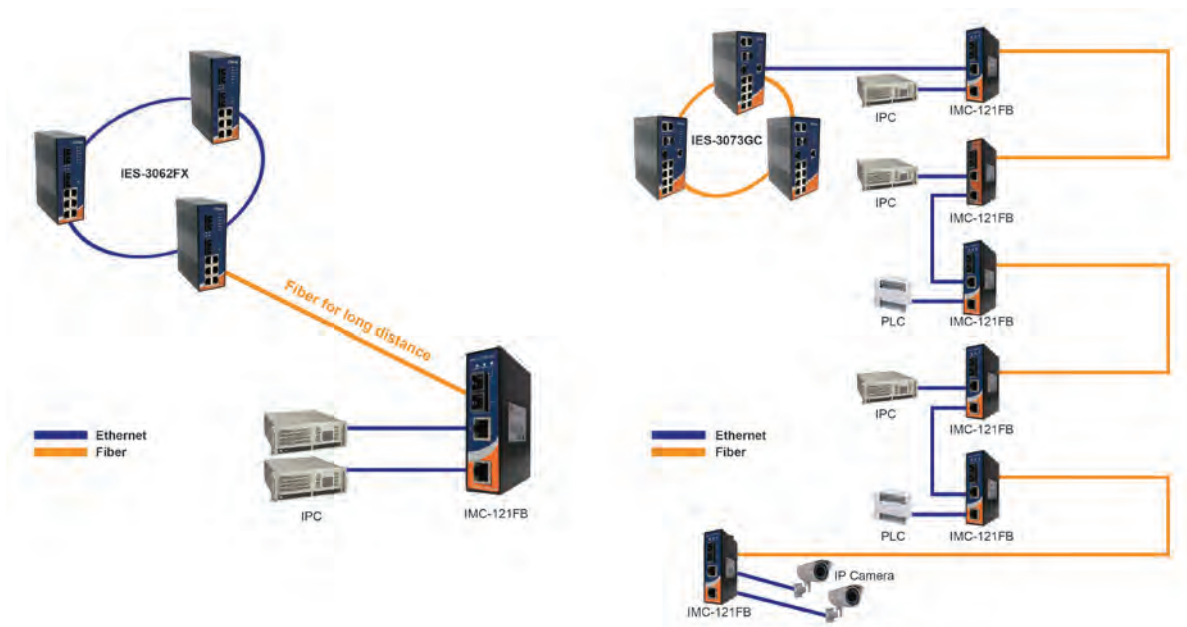
Features

- Support 2 ports 10/100Base-T(X) auto-negotiation and auto-MDI/MDI-X
- 2x10/100 Base-T(X) ports to save the usage of copper ports
- High reliability and rigid IP-30 housing
- DIN-Rail and wall mounting enabled



Introduction

IMC-121FB series are industrial media converters providing media conversion between 10/100Base-T(X) and 100Base-FX. IMC-121FB series feature rigid IP-30 housing design and support wide operating temperature range from -40 to 70 °C. Therefore, IMC-121FB series are reliable media converter and can satisfy most demands of operating environments.



Connections of Ethernet Media Converter

Industrial Ethernet Switch

Industrial Media Converter

Industrial Device Server

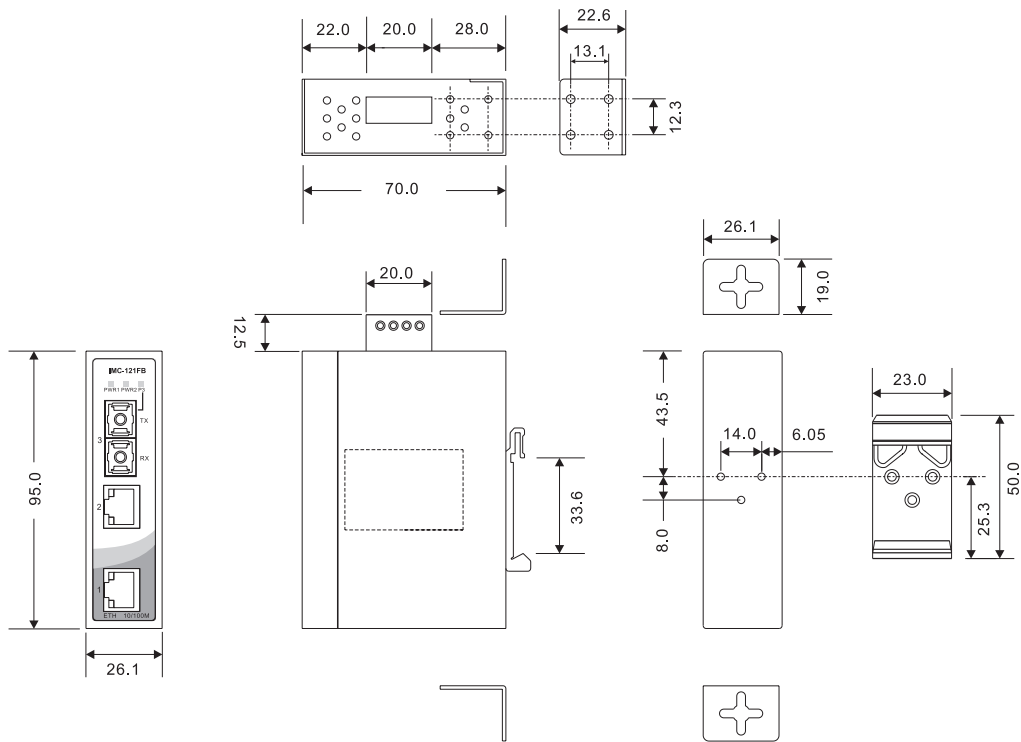
Industrial Wireless Access Point

Industrial Cellular VPN Router

Accessories

Network Management Utility

Dimensions



(Unit=mm)

Specifications

ORing Media Converter Model		IMC-121FB-MM-SC	IMC-121FB-SS-SC
Physical Ports			
10/100Base-T(X) Ports in RJ45 Auto MDI/MDIX		2	2
100Base-FX fiber Port			
Fiber Ports Specifications	Fiber Ports Number	1	1
	Fiber Ports Standard	100Base - FX	100Base - FX
	Fiber Mode	Multi-mode	Single-mode
	Fiber Diameter (µm)	62.5/125 µm 50/125 µm	9/125 µm
	Fiber Optical Connector	SC	SC
	Typical Distance (km)	2 km	30 km
	Wavelength (nm)	1310 nm	1310 nm
	Max. Output Optical Power (dBm)	-14 dBm	-8 dBm
	Min. Output Optical Power (dBm)	-23.5 dBm	-15 dBm
	Max. Input Optical Power (Saturation)	0 dBm	0 dBm
	Min. Input Optical Power (Sensitivity)	-31 dBm	-34 dBm
	Link Budget (dB)	7.5 dB	19 dB
Technology			
Ethernet Standards		IEEE 802.3 for 10Base-T IEEE 802.3u for 100Base-TX and 100Base-FX	