

IMC Series Industrial Media Converter



Key Features:

- ☑ IP40 protection class, fully enclosed type metal cabinet
- ☑ Passed industrial class III EMC test
- ☑ Wide temperature range design, with working temperature at $-40\sim+85\text{ }^{\circ}\text{C}$
- ☑ Wide voltage range design, $2\times 24\text{VDC}$ ($12\sim 48\text{VDC}$)
- ☑ DIN- rail or wall mounting optional

Product Overview

ISE2005D series provide industrial grade media conversion between 10/100BaseT(X) and 100BaseFX (SC/ST/FC connectors). They are designed for applications in the field of electric power, transportation, and industrial control and in other severe industrial environment. This series integrate wide-range temperature and voltage design, enterprise-class high-speed forwarding performance, strong cabinet, protected industrial circuit and other industrial features, and can satisfy reliability requirement under harsh industrial environment.

Product Features

☞ Strong and reliable industrial quality

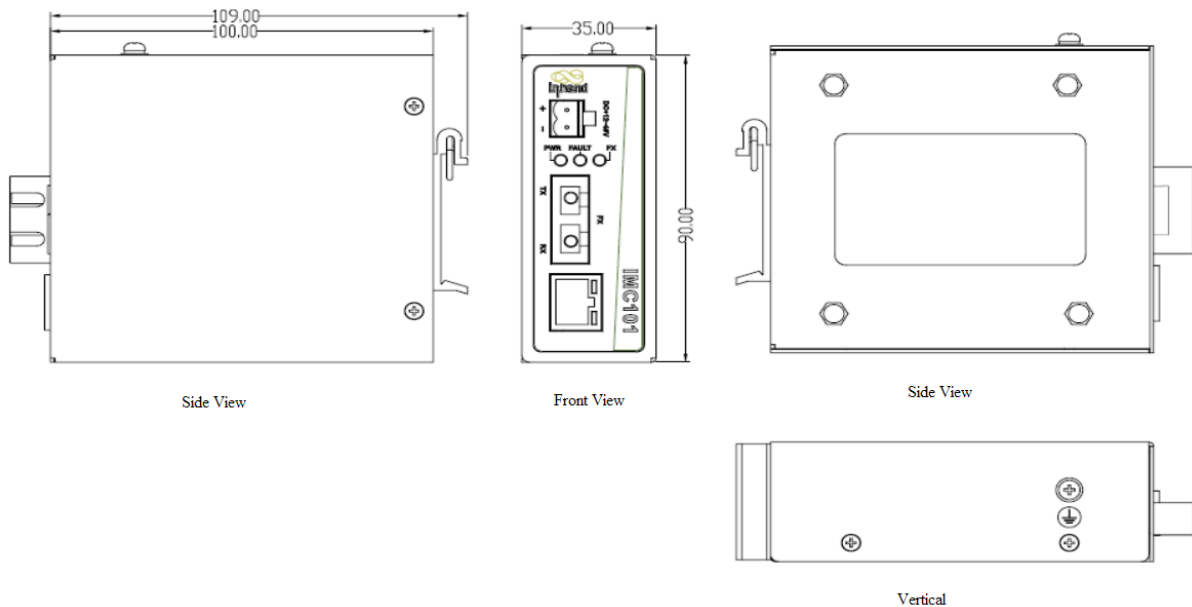
- ☑ Excellent EMC/EMI and anti-radiation performance
- ☑ Real industrial-class design, with working temperature at $-40\sim 85\text{ }^{\circ}\text{C}$
- ☑ Redundant power input and industrial-class surge protection
- ☑ Strong metal cabinet with corrosion-proof coating
- ☑ Provided with IP40 seal protection, and dust proof, stain proof and debris proof
- ☑ Support industrial DIN guide rail installation mode, optional wall-mounting kit available, satisfying requirement for deployment at different conditions and environment

Product Specification

Item		ISE2005D
Interface	RJ45 port	100Base-T(X) self-adaptive RJ45 port,
	FX fiber port	100Base-FX port (SC/ST/FC port)
	LED indication	PWR, FAULT, FX , LINK/ACK
Mechanical structure	Housing	IP40 protection class, fully enclosed and seamless type metal cabinet, PCB protection coating available
	Dimensions (W×H×D)	35mm ×90mm ×100mm
	Weight	0.36 kg
	Heat dissipation mode	Fanless heat dissipation
	Installation mode	DIN- rail and wall mounting (kit optional)
	MTBF	35 years
Power source	Input voltage	24VDC (12~48VDC)
	Interface terminal	2-pin pluggable screw connection terminal
	Overload protection	Available
	Reverse polarity protection	Available
	Power consumption	<3W
Working environment	Working temperature	-40 ~ +85 ℃
	Storage temperature	-40 ~ +85 ℃
	Relative humidity	5%~95% (free of condensation)
Industrial standard	Electromagnetic compatibility	IEC 61000-4-2 (Electrostatic discharge) class 3
		IEC 61000-4-3 (Radiated, radio-frequency, electromagnetic field) class 3
		IEC 61000-4-4 (Electrical fast transient/bursts) class 3
		IEC 61000-4-5 (surge) class 3
		IEC 61000-4-6 (Immunity to conducted disturbances,

Item		ISE2005D
		induced by radio-frequency fields) class 3
		IEC 61000-4-8 (Power frequency magnetic field) class 4
	Impact	IEC60068-2-27
	Freefall	IEC60068-2-32
	Vibration	IEC60068-2-6
Warranty	5 years	

Dimensions



Ordering Information

Product Type	Port			
	10/100 Base-T(X)	100BaseFX Port (SC/ST/FC)		
		Multimode fiber	Single mode dual fiber	Single mode single fiber
IMC101-1T-M-24	1	1	-	-
IMC101-1T-S-24	1	-	1	-
IMC101-1T-B-24	1	-	-	1

Note:

- ☒ Multimode fiber supports 0.5km; single mode dual fiber support 20/40/80/120KM; Single mode single fiber supports 0.5/20/40/60/80/120KM
- ☒ Power supply default is DC24V low-voltage

Beijing InHand Networks Technology Co., Ltd.

Beijing InHand Networks Technology Co., Ltd focuses its energy upon development of equipment network (M2M) technology and products, for the purpose of providing safe, reliable, intelligent and advanced network equipment for customers in the fields of electric power, industrial control, finance, medical and other industries. Industrial-class products and equipment monitoring software platforms developed by InHand have been used by a number of well-known big customers, and have stood the test of large-scale field applications for a long time.

InHand hopes to contribute her efforts to the transition process of Chinese manufacturing industry to high value-added products through constant innovation of equipment network solutions.

Many well-known commercial organizations at home and abroad have confirmed development and achievement of InHand. InHand has been awarded the honor of Top-50 High-tech Development Enterprise consecutively by Deloitte (China) since 2007 and was awarded Top-200 Innovative Enterprise in Asia and Top-100 Innovative Enterprise in Asia in 2007 and 2008 respectively by the famous business media “Red Herring” of USA.



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