# IMC-1000MS-PH

## 1x GbE RJ45 to 100/1000Base-X SFP with PoE PSE (30W, 12/24/48VDC)

- >> 12/24/48VDC (9.6~57VDC) Redundant Dual Power input
- » Regulate PoE Output Voltage (52VDC) to Stabilize PoE Device, and Guarantee Delivery PoE Power Distance to 100m
- SNMP, Web Based and In-Band Management, Remote Loop-Back Test
- >> Supports LFPT (Link Fault Pass Through) and FEF (Far End Fault)
- » EN50121-4, EN61000-6-2, EN61000-6-4, CE and FCC Certified







Industrial managed media converter with 1 Gigabit UTP port and 1 100/1000Mbps SFP slot for copper and fiber interface conversion, Not only it supports the PoE+ standard IEEE802.3af/at to inject up to 30 watts of power into PoE devices, but it also supports 12Vdc boost. IMC-1000MS-PH12 converter is designed for harsh environments, such as IP surveillance, industrial networking, intelligent transportation systems (ITS) and is also suitable for many military and utility market applications where environmental conditions exceed commercial product specifications.

## Features

- Conversion between 10/100/1000Base-T and 100/1000Base-X fiber cable interface
- Provides IEEE 802.3at PoE output (30W)
- IP30 rugged metal housing and fanless
- Supports Jumbo frame 9K bytes packet
- Ingress/Egress bandwidth control with 64K granularity
- PoE configuration and monitor
- Supports EMS Management

Specifications			
Standard	IEEE 802.3	10Base-T 10Mbit/s Ethernet	
	IEEE 802.3u	100Base-TX, 100Base-FX, Fast Ethernet	
	IEEE 802.3ab	1000Base-T Gbit/s Ethernet over twisted pair	
	IEEE 802.3z	1000Base-X Gbit/s Ethernet over Fiber-Optic	
	IEEE 802.3x	Flow Control and Back pressure	
	IEEE 802.3at	PoE+ (Power over Ethernet enhancement)	
	IEEE 802.3af	PoE (Power over Ethernet)	
	IEEE 802.1q	Tag VLAN	
Fiber Ports		1000Base-X, 100M/1000M speed set by Web	
RJ45 Ports	10/100/1000Base-T Auto MDI/MDI-X and Auto negotiation Function Supports UTP CAT.5e Twisted Pair cable		
Push Button	Reset, Load default setting		
Data Process Architecture	Pass through mode		
Jumbo Frame	9K bytes		
LFPT	TX- Fiber: If TX port link down, the media converter will force Fiber port to link down		
(Link Fault Pass Through)	Fiber-TX: If Fiber port link (	down, the media converter will force TX port to link down	
Far-End Fault (FEF)	Work with LFPT to prevents data loss		

# **Industrial Managed PoE Media Converter**

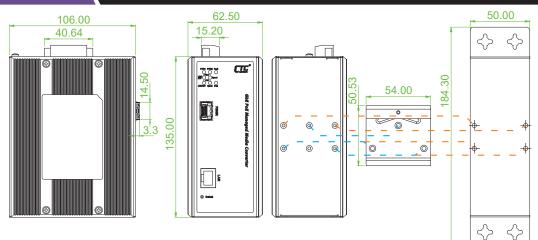
Connector and Pin Assignment	SFP Slot					
Assignment		Cat 5e (10/100/1000Mbps) Tv				
		and Auto negotiation Functior				
Connector and Pin						
Assignment	PoE (V+): RJ-45	5 pin 1, 2				
	PoE (V-): RJ-45	pin 3, 6				
	Data (1,2,3,6,4,	5,7,8)				
LED	Per Unit: Power	1 (Green), Power 2 (Green), Fa	ault (Amber)			
	Fiber LNK/ACT ( ON : Connected		ted to network, BLK : Receive /	Transmit data		
	Fiber Speed: Ye	llow : 1000Base-X, Green : 10	)0Base-X			
	RJ-45 port: Speed: 10 (OFF), 100 (Green), 1000 (Yellow) LNK/ACT for RJ45(Green): ON : Connected to network, OFF: Not connected to network, BLK : Networking is active					
	PoE : On (Green		E normal working, OFF : PoE No	a nowor output		
Reverse Polarity Protection	Supported for P		L HUITIAI WUIKIING, UTT , TUL NU	o power output		
Overload Current Protection	Supported					
Alarm Relay Contact	11	ith current carrying capacity of				
Removable Terminal Block		ndant power, alarm relay conta				
Operating Humidity	5% ~ 95% (Noi					
Operating Temperature	-20 ~ 75°C	r-condensing )				
Storage Temperature	-20 ~ 75 C -40 ~ 85°C					
Housing		D20 Drotaction and fanlage				
nousing	Rugged Metal, IP30 Protection and fanless					
·	100 V CO E V 10	106 x 62.5 x 135mm (D x W x H)				
Dimensions		35mm (D x W x H)				
Dimensions Weight	650g					
Dimensions	650g DIN Rail mountir	ng or wall mounting (Optional)	r with polarity reverse protect fur	nction and remo	wable terminal	
Dimensions Weight Installation Power Supply	650g DIN Rail mountir 12/24/48VDC (s Built-in very high Regulated PoE c 100meter	ng or wall mounting (Optional) 9.6~57VDC), Redundant power n efficiency booster(97~99%) t	r with polarity reverse protect fur to rise up 52VDC for PoE output ilize PoE device, and guarantee	t		
Dimensions Weight Installation Power Supply PoE Power Budget	650g DIN Rail mountir 12/24/48VDC (S Built-in very high Regulated PoE of 100meter 30W	ng or wall mounting (Optional) 9.6~57VDC), Redundant power n efficiency booster(97~99%) t putput voltage (52VDC) to stab	to rise up 52VDC for PoE output	t		
Dimensions Weight Installation Power Supply PoE Power Budget	650g DIN Rail mountin 12/24/48VDC (S Built-in very high Regulated PoE of 100meter 30W Power consumption	ng or wall mounting (Optional) 9.6~57VDC), Redundant power n efficiency booster(97~99%) t putput voltage (52VDC) to stab	to rise up 52VDC for PoE output ilize PoE device, and guarantee	t delivery PoE po	ower distance to	
Dimensions Weight Installation Power Supply PoE Power Budget	650g DIN Rail mountir 12/24/48VDC (S Built-in very high Regulated POE of 100meter 30W Power consumption Input Voltage	ag or wall mounting (Optional) 9.6~57VDC), Redundant power a efficiency booster(97~99%) t butput voltage (52VDC) to stab 8 Boost efficiency Total Power Consumption	to rise up 52VDC for PoE output ilize PoE device, and guarantee Device Power Consumption	t delivery PoE po PoE Budget	ower distance t	
Dimensions Weight Installation Power Supply PoE Power Budget	650g DIN Rail mountin 12/24/48VDC (S Built-in very high Regulated PoE of 100meter 30W Power consumption Input Voltage 12VDC	ag or wall mounting (Optional) 9.6~57VDC), Redundant power a efficiency booster(97~99%) t putput voltage (52VDC) to stab 8 Boost efficiency Total Power Consumption 34.2W	Device Power Consumption 3.9W	t delivery PoE po PoE Budget 30W	Boost Efficie 99.0%	
Dimensions Weight Installation Power Supply PoE Power Budget	650g DIN Rail mountin 12/24/48VDC (S Built-in very high Regulated POE of 100meter 30W Power consumption Input Voltage 12VDC 24VDC	ng or wall mounting (Optional) 9.6~57VDC), Redundant power n efficiency booster(97~99%) t butput voltage (52VDC) to stab 8 Boost efficiency Total Power Consumption 34.2W 34.7W	Device Power Consumption 3.9W 4.4W	t delivery PoE po PoE Budget 30W 30W	Boost Efficie 99.0% 99.0%	
Dimensions Weight Installation Power Supply PoE Power Budget Power Consumption	650g DIN Rail mountin 12/24/48VDC (S Built-in very high Regulated POE of 100meter 30W Power consumption Input Voltage 12VDC 24VDC 48VDC	ag or wall mounting (Optional) 2.6~57VDC), Redundant power a efficiency booster(97~99%) to boutput voltage (52VDC) to stab & Boost efficiency Total Power Consumption 34.2W 34.7W 35.4W	Device Power Consumption 3.9W	t delivery PoE po PoE Budget 30W	ower distance t Boost Efficie 99.0%	
Dimensions Weight Installation Power Supply PoE Power Budget Power Consumption MTBF	650g DIN Rail mountin 12/24/48VDC (S Built-in very high Regulated POE of 100meter 30W Power consumption Input Voltage 12VDC 24VDC 48VDC 864,121 Hours	ng or wall mounting (Optional) 9.6~57VDC), Redundant power n efficiency booster(97~99%) t butput voltage (52VDC) to stab 8 Boost efficiency Total Power Consumption 34.2W 34.7W	Device Power Consumption 3.9W 4.4W	t delivery PoE po PoE Budget 30W 30W	Boost Efficie 99.0% 99.0%	
Dimensions Weight Installation Power Supply PoE Power Budget Power Consumption MTBF Warranty	650g DIN Rail mountin 12/24/48VDC (S Built-in very high Regulated POE of 100meter 30W Power consumption Input Voltage 12VDC 24VDC 48VDC	ag or wall mounting (Optional) 2.6~57VDC), Redundant power a efficiency booster(97~99%) to boutput voltage (52VDC) to stab & Boost efficiency Total Power Consumption 34.2W 34.7W 35.4W	Device Power Consumption 3.9W 4.4W	t delivery PoE po PoE Budget 30W 30W	Boost Efficie 99.0% 99.0%	
Dimensions Weight Installation Power Supply PoE Power Budget Power Consumption MTBF	650g DIN Rail mountin 12/24/48VDC (S Built-in very high Regulated POE of 100meter 30W Power consumption Input Voltage 12VDC 24VDC 48VDC 864,121 Hours	ag or wall mounting (Optional) 2.6~57VDC), Redundant power a efficiency booster(97~99%) to boutput voltage (52VDC) to stab & Boost efficiency Total Power Consumption 34.2W 34.7W 35.4W	Device Power Consumption 3.9W 4.4W	t delivery PoE po PoE Budget 30W 30W	Boost Efficie 99.0% 99.0%	
Dimensions Weight Installation Power Supply PoE Power Budget Power Consumption MTBF Warranty	650g DIN Rail mountin 12/24/48VDC (S Built-in very high Regulated POE of 100meter 30W Power consumption Input Voltage 12VDC 24VDC 48VDC 864,121 Hours	ag or wall mounting (Optional) 2.6~57VDC), Redundant power a efficiency booster(97~99%) to boutput voltage (52VDC) to stab & Boost efficiency Total Power Consumption 34.2W 34.7W 35.4W	Device Power Consumption 3.9W 4.4W	t delivery PoE po PoE Budget 30W 30W	Boost Efficie 99.0% 99.0%	
Dimensions Weight Installation Power Supply PoE Power Budget Power Consumption MTBF Warranty	650g DIN Rail mountin 12/24/48VDC (S Built-in very high Regulated POE of 100meter 30W Power consumption 12VDC 12VDC 24VDC 24VDC 48VDC 864,121 Hours 5 years	ag or wall mounting (Optional) 2.6~57VDC), Redundant power a efficiency booster(97~99%) to boutput voltage (52VDC) to stab & Boost efficiency Total Power Consumption 34.2W 34.7W 35.4W	Device Power Consumption 3.9W 4.4W	t delivery PoE po PoE Budget 30W 30W	Boost Efficie 99.0% 99.0%	
Dimensions Weight Installation Power Supply PoE Power Budget Power Consumption MTBF Warranty <b>Certification</b> EMC EMC Railway Traffic	650g DIN Rail mountin 12/24/48VDC (S Built-in very high Regulated POE of 100meter 30W Power consumption 12VDC 12VDC 24VDC 24VDC 48VDC 864,121 Hours 5 years	ng or wall mounting (Optional) 9.6~57VDC), Redundant power a efficiency booster(97~99%) to butput voltage (52VDC) to stab 8.Boost efficiency Total Power Consumption 34.2W 34.7W 35.4W (MIL-HDBK-217)	Device Power Consumption 3.9W 4.4W	t delivery PoE po PoE Budget 30W 30W	Boost Efficie 99.0% 99.0%	
Dimensions Weight Installation Power Supply PoE Power Budget Power Consumption MTBF Warranty Certification EMC EMI Railway Traffic EMI Sailway Traffic	650g DIN Rail mountin 12/24/48VDC (S Built-in very high Regulated POE of 100meter 30W Power consumption 12VDC 12VDC 24VDC 24VDC 48VDC 864,121 Hours 5 years CE FCC Part 15 Sul	ng or wall mounting (Optional) 9.6~57VDC), Redundant power h efficiency booster(97~99%) to butput voltage (52VDC) to stab 8.Boost efficiency Total Power Consumption 34.2W 34.7W 35.4W (MIL-HDBK-217)	Device Power Consumption 3.9W 4.4W	t delivery PoE po PoE Budget 30W 30W	Boost Efficie 99.0% 99.0%	
Dimensions Weight Installation Power Supply PoE Power Budget Power Consumption Power Consumption MTBF Warranty <b>Certification</b> EMC EMI Railway Traffic Immunity for Heavy Industrial Environment Emission for Heavy Industrial Environment	650g DIN Rail mountin 12/24/48VDC (S Built-in very high Regulated POE of 100meter 30W Power consumption Input Voltage 12VDC 24VDC 24VDC 48VDC 864,121 Hours 5 years CE FCC Part 15 Sul EN50121-4 EN61000-6-2 EN61000-6-4	ag or wall mounting (Optional) 2.6~57VDC), Redundant power a efficiency booster(97~99%) to butput voltage (52VDC) to stab 8.Boost efficiency Total Power Consumption 34.2W 34.7W 35.4W (MIL-HDBK-217) bopart B Class A, CE	Device Power Consumption 3.9W 4.4W	t delivery PoE po PoE Budget 30W 30W	Boost Efficie 99.0% 99.0%	
Dimensions Weight Installation Power Supply PoE Power Budget Power Consumption Power Consumption MTBF Warranty <b>Certification</b> EMC EMI Railway Traffic EMI Railway Traffic EMI Emission for Heavy Industrial Environment Emission for Heavy	650g DIN Rail mountin 12/24/48VDC (S Built-in very high Regulated POE of 100meter 30W Power consumption Input Voltage 12VDC 24VDC 24VDC 48VDC 864,121 Hours 5 years CE FCC Part 15 Sul EN50121-4 EN61000-6-2 EN61000-6-2	ag or wall mounting (Optional) 2.6~57VDC), Redundant power a efficiency booster(97~99%) t butput voltage (52VDC) to stab & Boost efficiency Total Power Consumption 34.2W 34.7W 35.4W (MIL-HDBK-217) opart B Class A, CE ESD) Level 3, Criteria B	Device Power Consumption 3.9W 4.4W	t delivery PoE po PoE Budget 30W 30W	Boost Efficie 99.0% 99.0%	
Dimensions Weight Installation Power Supply PoE Power Supply PoE Power Budget Power Consumption MTBF Warranty <b>Certification</b> EMC EMI Railway Traffic EMI Railway Traffic EMI Emission for Heavy Industrial Environment Emission for Heavy Industrial Environment Emission for Heavy Industrial Environment	650g DIN Rail mountir 12/24/48VDC (S Built-in very high Regulated POE of 100meter 30W Power consumption Input Voltage 12VDC 24VDC 24VDC 48VDC 864,121 Hours 5 years CE FCC Part 15 Sul EN50121-4 EN61000-6-2 (EN61000-6-4) EN61000-4-2 (C EN61000-4-3 (C) EN61000-4-3 (C) EN6100	ag or wall mounting (Optional) 2.6~57VDC), Redundant power a efficiency booster(97~99%) to butput voltage (52VDC) to stab 8.Boost efficiency Total Power Consumption 34.2W 34.7W 35.4W (MIL-HDBK-217) bopart B Class A, CE ESD) Level 3, Criteria B RS) Level 3, Criteria A	Device Power Consumption 3.9W 4.4W	t delivery PoE po PoE Budget 30W 30W	Boost Efficie 99.0% 99.0%	
Dimensions Weight Installation Power Supply PoE Power Budget Power Consumption Power Consumption MTBF Warranty <b>Certification</b> EMC EMI Railway Traffic EMI Railway Traffic EMI Emission for Heavy Industrial Environment Emission for Heavy Industrial Environment	650g DIN Rail mountin 12/24/48VDC (S Built-in very high Regulated POE of 100meter 30W Power consumption Input Voltage 12VDC 24VDC 24VDC 864,121 Hours 5 years CE FCC Part 15 Sul EN50121-4 EN61000-6-2 EN61000-6-4 (EN61000-4-3 () EN61000-4-3 () EN61000-4-4 ()	ag or wall mounting (Optional) 2.6~57VDC), Redundant power a efficiency booster(97~99%) to butput voltage (52VDC) to stab 8.Boost efficiency Total Power Consumption 34.2W 34.7W 35.4W (MIL-HDBK-217) Copart B Class A, CE ESD) Level 3, Criteria B RS) Level 3, Criteria A EFT) Level 3, Criteria A	Device Power Consumption 3.9W 4.4W	t delivery PoE po PoE Budget 30W 30W	Boost Efficie 99.0% 99.0%	
Dimensions Weight Installation Power Supply PoE Power Supply PoE Power Budget Power Consumption MTBF Warranty <b>Certification</b> EMC EMI Railway Traffic EMI Railway Traffic EMI Emission for Heavy Industrial Environment Emission for Heavy Industrial Environment Emission for Heavy Industrial Environment	650g DIN Rail mountin 12/24/48VDC (S Built-in very high Regulated POE of 100meter 30W Power consumption Input Voltage 12VDC 24VDC 24VDC 48VDC 864,121 Hours 5 years CE FCC Part 15 Sul EN50121-4 EN61000-6-2 EN61000-4-2 (C EN61000-4-3 (C EN61000-4-5 (C) EN61000-4-5 (C) EN610	ag or wall mounting (Optional) 2.6~57VDC), Redundant power a efficiency booster(97~99%) t butput voltage (52VDC) to stab & Boost efficiency Total Power Consumption 34.2W 34.7W 35.4W (MIL-HDBK-217) opart B Class A, CE ESD) Level 3, Criteria B RS) Level 3, Criteria A EFT) Level 3, Criteria A Surge) Level 3, Criteria B	Device Power Consumption 3.9W 4.4W	t delivery PoE po PoE Budget 30W 30W	Boost Efficie 99.0% 99.0%	
Dimensions Weight Installation Power Supply PoE Power Supply PoE Power Budget Power Consumption MTBF Warranty <b>Certification</b> EMC EMI Railway Traffic EMI Railway Traffic EMI Emission for Heavy Industrial Environment Emission for Heavy Industrial Environment Emission for Heavy Industrial Environment	650g DIN Rail mountir 12/24/48VDC (S Built-in very high Regulated POE of 100meter 30W Power consumption 12VDC 24VDC 24VDC 24VDC 864,121 Hours 5 years CE FCC Part 15 Sul EN50121-4 EN61000-6-2 EN61000-6-2 (EN61000-4-2 () EN61000-4-3 () EN61000-4-5 ()	ag or wall mounting (Optional) 2.6~57VDC), Redundant power a efficiency booster(97~99%) to butput voltage (52VDC) to stab 8 Boost efficiency Total Power Consumption 34.2W 34.7W 35.4W (MIL-HDBK-217) (MIL-HDBK-217) (MIL-HDBK-217) ESD) Level 3, Criteria B RS) Level 3, Criteria A EFT) Level 3, Criteria A Surge) Level 3, Criteria B CS) Level 3, Criteria A	Device Power Consumption    3.9W   4.4W   4.7W	t delivery PoE po PoE Budget 30W 30W	Boost Efficie 99.0% 99.0%	
Dimensions Weight Installation Power Supply PoE Power Budget Power Consumption Power Consumption MTBF Warranty <b>Certification</b> EMC EMI Railway Traffic EMI Railway Traffic EMI Emission for Heavy Industrial Environment Emission for Heavy Industrial Environment	650g DIN Rail mountin 12/24/48VDC (S Built-in very high Regulated POE of 100meter 30W Power consumption Input Voltage 12VDC 24VDC 24VDC 864,121 Hours 5 years CE FCC Part 15 Sul EN50121-4 EN61000-6-2 EN61000-6-2 (EN61000-4-3 (C EN61000-4-6 (C EN61000-4-6 (C) EN61000-4-8 (C)	ag or wall mounting (Optional) 2.6~57VDC), Redundant power a efficiency booster(97~99%) to butput voltage (52VDC) to stab 8 Boost efficiency Total Power Consumption 34.2W 34.7W 35.4W (MIL-HDBK-217) (MIL-HDBK-217) Copart B Class A, CE ESD) Level 3, Criteria B RS) Level 3, Criteria A EFT) Level 3, Criteria A Surge) Level 3, Criteria B CS) Level 3, Criteria A PFMF) Field strength 300A/m	Device Power Consumption    3.9W   4.4W   4.7W	t delivery PoE po PoE Budget 30W 30W	Boost Efficie 99.0% 99.0%	
Dimensions Weight Installation Power Supply PoE Power Supply PoE Power Budget Power Consumption MTBF Warranty Warranty Warranty MTBF Uarranty Industrial Environment Emission for Heavy Industrial Environment	650g DIN Rail mountin 12/24/48VDC (S Built-in very high Regulated POE of 100meter 30W Power consumption Input Voltage 12VDC 24VDC 24VDC 48VDC 864,121 Hours 5 years CE FCC Part 15 Sul EN50121-4 EN61000-6-2 EN61000-6-2 EN61000-4-2 (EN61000-4-3) EN61000-4-5 (EN61000-4-6) EN61000-4-8 (C EN61000-4-8 (C) EN61000-4-8 (C) EN610	ag or wall mounting (Optional) 2.6~57VDC), Redundant power a efficiency booster(97~99%) t butput voltage (52VDC) to stab & Boost efficiency Total Power Consumption 34.2W 34.7W 35.4W (MIL-HDBK-217) (MIL-HDBK-217) appart B Class A, CE ESD) Level 3, Criteria B RS) Level 3, Criteria A EFT) Level 3, Criteria A EFT) Level 3, Criteria A Surge) Level 3, Criteria A Surge) Level 3, Criteria A PFMF) Field strength 300A/m 7	Device Power Consumption    3.9W   4.4W   4.7W	t delivery PoE po PoE Budget 30W 30W	Boost Efficie 99.0% 99.0%	
Dimensions Weight Installation Power Supply PoE Power Budget Power Consumption Power Consumption MTBF Warranty <b>Certification</b> EMC EMI Railway Traffic EMI Railway Traffic EMI Emission for Heavy Industrial Environment Emission for Heavy Industrial Environment	650g DIN Rail mountin 12/24/48VDC (S Built-in very high Regulated POE of 100meter 30W Power consumption Input Voltage 12VDC 24VDC 24VDC 864,121 Hours 5 years CE FCC Part 15 Sul EN50121-4 EN61000-6-2 EN61000-6-2 (EN61000-4-3 (C EN61000-4-6 (C EN61000-4-6 (C) EN61000-4-8 (C)	ag or wall mounting (Optional) 2.6~57VDC), Redundant power a efficiency booster(97~99%) t butput voltage (52VDC) to stab & Boost efficiency Total Power Consumption 34.2W 34.7W 35.4W (MIL-HDBK-217) (MIL-HDBK-217) appart B Class A, CE ESD) Level 3, Criteria B RS) Level 3, Criteria A EFT) Level 3, Criteria A EFT) Level 3, Criteria A Surge) Level 3, Criteria A Surge) Level 3, Criteria A PFMF) Field strength 300A/m 7	Device Power Consumption    3.9W   4.4W   4.7W	t delivery PoE po PoE Budget 30W 30W	Boost Efficie 99.0% 99.0%	

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# **Industrial Managed PoE Media Converter**

<b>SNMP</b> or Web Mod	e			
Management	Ingress/Egress bandwidth control with 64K granularity			
	Web management, Firmware upgrade via Web			
	Supports SNMP, MIB for management			
	Supports 802.1Q tag VLAN, 16 Tag VLAN group, MIB counters display			
Configuation	IP Configuration, Password Setting, Converter Configuration, Port Configuration, VLAN Group Configuration, Alar Configuration and PoE Configuration			
Diagnostic & Monitor	Dr Supports Link Fault Pass-Through (LFPT) Function, Broadcast/Multicast/Unicast Storm Filter, SNMP Alarm Tr for Power Loss and Port Link Up/Down, and PoE Status			
<b>In-Band Remote m</b>	o <b>de</b>			
Management	Supports in-band management from FRM220 Chassis With FRM220-1000MS card			
	Ingress/Egress bandwidth control with 64K granularity			
Configuation	IP Configuration, Converter Configuration, Port Configuration, MIB Counter, VLAN Group Configuration, Alarm Configuration and PoE Configuration			
<b>Diagnostic &amp; Monitor</b>	Remote loop back test			
	Supports Link Fault Pass-Through (LFPT) Function			
	Broadcast/Multicast/Unicast storm filter			
	PoE Status			

## Dimensions



**Side View** 

**Front View** 

Rear View DIN-Rail Kit View Wall-Mou

Wall-Mount Kit View (Optional Accessory)

Ord	ering	Inform	natio

		RJ45	SFP	PoE		Power Input Certification		ertification		
Model Name	Managed	10/100/1000 Base-T(X)	Dual Speed 100/1000Base-X	IEEE802.3af/at (PSE)	Power Budget	Redundant	EN50121-4	EN61000-6-2 EN61000-6-4	CE FCC	Operating Temperature
IMC-1000MS-PHE12	V	1	1	1	30W	12/24/48VDC	V	V	V	-20~75°C

## **Optional Accessories**

## Wall Mount Kit

IND-WMK02 Wall Mount kit for Industrial product, 184 x 50mm

## Industrial SFP Transceiver

The ISFP series of industrial grade SFP modules have been fully tested with all CTC Union industrial grade Ethernet switches for guaranteed compatibility and performance. Best performance can be guaranteed, even in mission-critical applications. (Please see CTC Union's Industrial SFP datasheets for more items and detailed information.)

ISFP-M7000-85-D(E)	Industrial SFP GbE 1000Base-SX, M/M, 500 meter, wave length 850nm, 7.5dB, LC, DDMI, -10~70°C (-40~85°C)
ISFP-S7020-31-D(E)	Industrial SFP 1000Base-LX, S/M, 20km, wave length 1310nm, 15dB, LC, DDMI, -10~70°C (-40~85°C)
ISFP-T7T00-00-(E)	Industrial SFP 10/100/1000Base-T UTP 100meter, -10~70°C (-40~85°C)
ISFP-M5002-31-D(E)	Industrial SFP 155M 100Base-FX, MM, 2km, wave length 1310nm, 12dB, LC, DDMI, -10~70°C (-40~85°C)
ISFP-S5030-31-D(E)	Industrial SFP 155M 100Base-FX, SM, 30km, 1310nm, 19dB, LC, DDMI, -10~70°C (-40~85°C)

#### Industrial Power Supply

MDR-40-48 Industrial Power, Input 85 ~ 264VAC/120 ~ 370VDC, Output 48VDC, 40W, -20 ~ 70°C

- 2 2 www.ctcu.com / sales@ctcu.com / Specifications & design are subject to change without prior notice. Please visit CTC Union website for more details.