

IPC-F301MM2-T

UNMANAGED INDUSTRIAL Fast ETHERNET PoE+ Media Converter

Port Configuration

- 2*10/100BaseT +
1*100Base-FX MM 2km
- Support 1 port IEEE802.3at /af 30Watt PoE+

Operating Temperature

- -40~75°C(IPC-F301MM2-T)

Key Features

- Support 1 port IEEE 802.3af/at 30Watt PoE+.
- LFP(Link Fault Pass through) feature to easily detect optical signal strengths and links on copper and fiber
- Support surge protection in power input.
- Reverse polarity protection and overload current protection supported.
- Support on alarm relay contact.
- Power input voltage range is from 44~56VDC.



IPC-F301MM2-T – Industrial media converter support 802.3at PoE+ with -40 ~75°C operating temperature, perfect to install in industrial harden PoE applications.

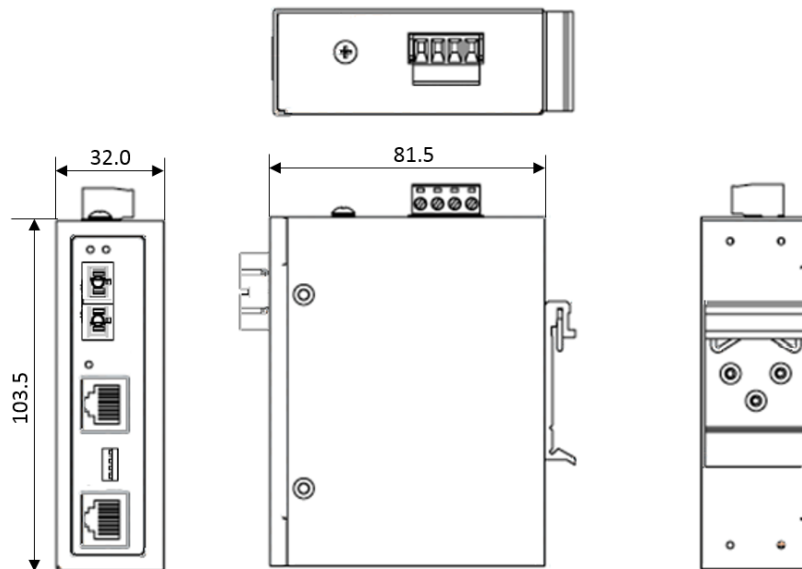
IPC-F301MM2-T unmanaged industrial PoE+ media converter is a 1 port 10/100Base-T with PoE+ 30Watt, 1 port 10/100Base-T and one port 100Base-FX multimode 2km with SC connector. The PoE media converter not only provide one port PoE+ but also support two ports for fiber and copper connection. It is a three ports switch to install in lower ports requirement. The cost-effective solution works on a 44~56VDC power input with wide range operating temperature -40~75°C. The IPC-F301MM2-T PoE media converter having compact size and industrial fan-less design is suitable for industrial harden PoE+ applications.

One power input and one alarm relay contact can monitor the system status very conveniently. The clear and simple LED indicators can monitor the PoE and system status very easily. Embedded Auto-MDI/MDIX and auto-negotiation features on RJ45 port, IPC-F301MM2-T can automatically detect and configure the best mode of operation.

Hardware Specifications

Port Configuration	2*10/100Base-T + 1*100Base-FX Multi-mode 2km SC connector	Operating Humidity	5 to 95% RH (non-condensing)
PoE Port	Support 1 port IEEE802.3at/af 30Watt PoE+	Storage Temperature	-40°C~85°C
Auto MDI/MDI-X	Supported	Storage Humidity	5 to 95% RH (non-condensing)
Standard	IEEE 802.3 IEEE 802.3u IEEE 802.3x IEEE 802.3at IEEE 802.3af	Housing Protection	IP30, Metal
Power Input voltage	48~56V DC	Alarm relay contact	Supported, current carrying capacity 24VDC@1A
Switch capacity	600Mbps	DIP Switch	Select SFP speed 100/1000 Select to enable/disable port link alarm
MAC address	1K	Mounting	DIN-Rail
Reverse Polarity Protection	Supported	Dimensions (WxHxD mm)	32x103.5x81.5
Over current protection	Supported	Weight	500g
Power consumption	38Watt (Max)	EMI	FCC Part 15 Subpart B Class A CE EN55022 Class A
Operating Temperature	-40°C~75°C	EN50121-3-2	Design to comply
		EN50121-4	Design to comply
		Shock	IEC 60068-2-27
		Freefall	IEC 60068-2-32
		Vibration	IEC 60068-2-6
		MTBF (MIL-HDBK- 217F)	510,000 hours

Dimension



Ordering Information

Part Number	Description
IPC-F301MM2-T	2*10/100Base-T + 1*10/100Base-FX Multi-mode 2km SC connector with 1 port PoE+ 30Watt Converter (-40°C~75°C)