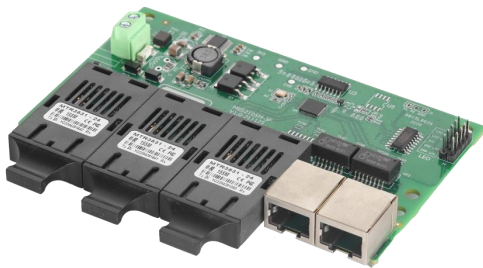


MES2105M

5-Port Layer 2 100M Unmanaged Embedded Industrial Ethernet Switch



- Support 2/3x100M fiber ports and 3/2x100M copper ports optional, providing users with flexible networking methods
- Fiber port supports SC/FC/ST connectors, single-mode/multi-mode, wavelength, and transmission distance are optional.
- 10/100Base-(Tx) port support full/half duplex and auto MDI/MDI-X
- Support DC5~32V power input and comply with intrinsically safe circuit design standards
- Support -40°C~+85°C operating temperature



Product Description

The MES2105M series is a 5-port Layer 2 100M unmanaged embedded industrial Ethernet switch for industrial communication network applications. It meets intrinsically safe design requirements. This series of products supports 5x100M Ethernet ports, available with 2x100M fiber ports+3x100M copper ports, 3x100M fibers + 2x100M copper ports and other combinations. It supports DC5~32V input voltage, and the power supply supports anti-reverse connection, slow start, over-current and over-voltage protection. Each 100M copper port has 10/100M adaptive function, supports full-duplex or half-duplex mode, and can automatically perform MDI/MDI-X connection, making industrial communications smoother, more efficient, reliable and faster. The hardware adopts fanless, intrinsically safe, wide-temperature design, compact size, selected industrial-grade components, and supports -40~+85°C operating temperature. The power supply meets the requirements of intrinsically safe circuit design standards and has passed strict safety regulations and EMC tests to meet the application requirements of harsh industrial environments. Products can be widely used in industrial automation, integrated energy, intelligent transportation, smart cities, smart mines and other fields.



Specification

Switch Capability	
Processing Type	Store-and-Forward
Backplane Bandwidth	1.2Gbps
Buffer Size	64KB
MAC Table Size	2K
Interface	
100M Fiber Port	2/3x100Base-FX fiber port are optional, supporting SC/FC/ST connectors, single-mode/multi-mode, wavelength, and transmission distance.
100M Copper Port	3/2x10/100Base-T(X) adaptive copper port are optional, supporting full/half duplex, auto MDI/MDI-X
Status LED	Power supply status LED, interface status LED, support external export of status LED signal
Power Supply	
Input Voltage	DC5~32V
Power Consumption	<3W@DC12V
Connection	2-pin 5.08mm pitch lock terminal block
Physical Characteristics	
Dimensions	120×70×13.6mm
Installations	Embedded installation
Weight	About 75g
Working Environment	
Operating Temperature	-40℃~+85℃
Storage Temperature	-40℃~+85℃
Relative Humidity	5%~95%(non-condensing)
Industrial Standard	

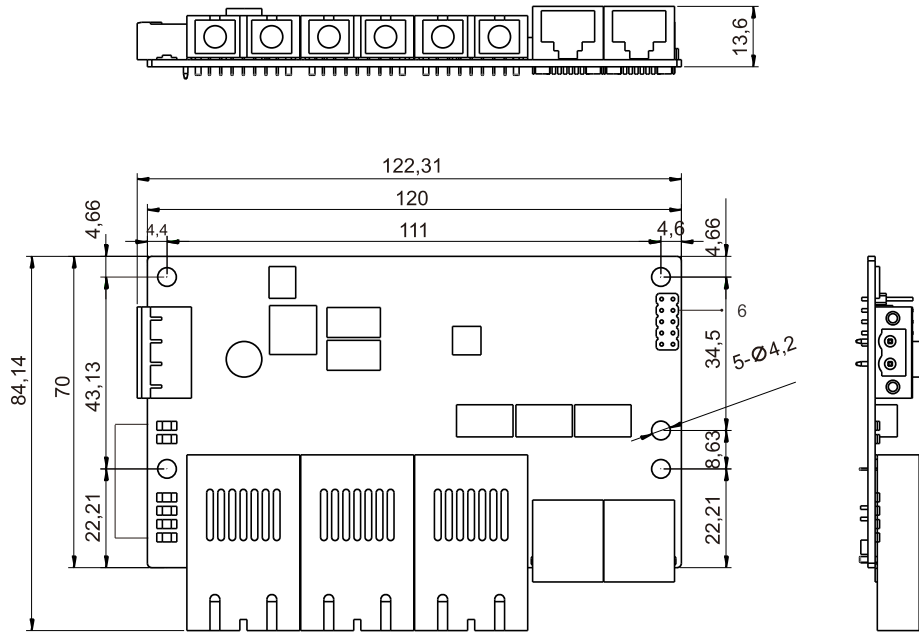
 Specification

Certification	CE, FCC, RoHS
---------------	---------------



Dimensions

Unit:mm



Ordering Information

Standard Model	100M Fiber Port	100M Copper Port	Input Voltage
MES2105M-2F(M/S)	2	3	DC5~32V
MES2105M-3F(M/S)	3	2	



Contact Us

Wuhan Maiwe Communication Co., Ltd

Address: No.52 Liufang Avenue, East lake High-tech Development Zone, Wuhan, China.

Tel: 027-87170217

Mail: enquiry@maiwe.com

Official site: www.maiwe.com

Copyright © Maiwe Communication All rights reserved.