

MES3105GA-2GF-3GT

5-Port Layer 2 Full Gigabit Unmanaged Embedded Industrial Ethernet Switch



- Support 2*1G fiber ports and 3*1G copper ports, providing users with flexible networking methods
- Fiber port supports SC/FC/ST connectors, single-mode/multi-mode, wavelength, and transmission distance are optional.
- Copper port supports 10/100/1000M, full/half duplex, MDI/MDI-X adaptive connection
- Support DC9~24V input voltage and complies with intrinsically safe circuit design standards
- Support -40℃~+70℃ operating temperature



Product Description

MES3105GA-2GF-3GT is a 5-port Layer 2 full Gigabit unmanaged embedded industrial Ethernet switch for industrial communication network applications. It meets intrinsically safe design requirements. This product supports 2x1G fiber ports and 3 Gigabit copper ports, supports 1 DC9~24V input voltage. The power supply supports anti-reverse connection, slow start, over-current and over-voltage protection. Each Gigabit copper port has 10/100/1000M adaptive function, supports full-duplex or half-duplex mode, and can automatically perform MDI/MDI-X connection, making industrial communications more smooth, more reliable, and faster. The hardware adopts a fanless, intrinsically safe, wide-temperature design, with selected industrial-grade components, supporting -40~+70℃ operating temperature. The power supply complies with intrinsically safe circuit design standards, and has passed strict safety and EMC tests to meet the harsh industrial environment application requirements. 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	14Gbps
Buffer Size	2Mbit
MAC Table Size	2K
Interface	
1G Fiber Port	2*1000Base-X 1G fiber port, supporting SC/FC/ST connectors, single-mode/multi-mode, wavelength, and transmission distance optional
1G Copper Port	3*10/100/1000Base-T(X) adaptive copper ports, 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	DC9~24V
Power Consumption	<3W@DC12V
Connection	2-pin 5.08mm pitch terminal blocks
Physical Characteristics	
Dimensions	94×66×14.6mm
Installations	Embedded installation
Weight	About 100g
Working Environment	
Operating Temperature	-40℃~+70℃
Storage Temperature	-40℃~+85℃



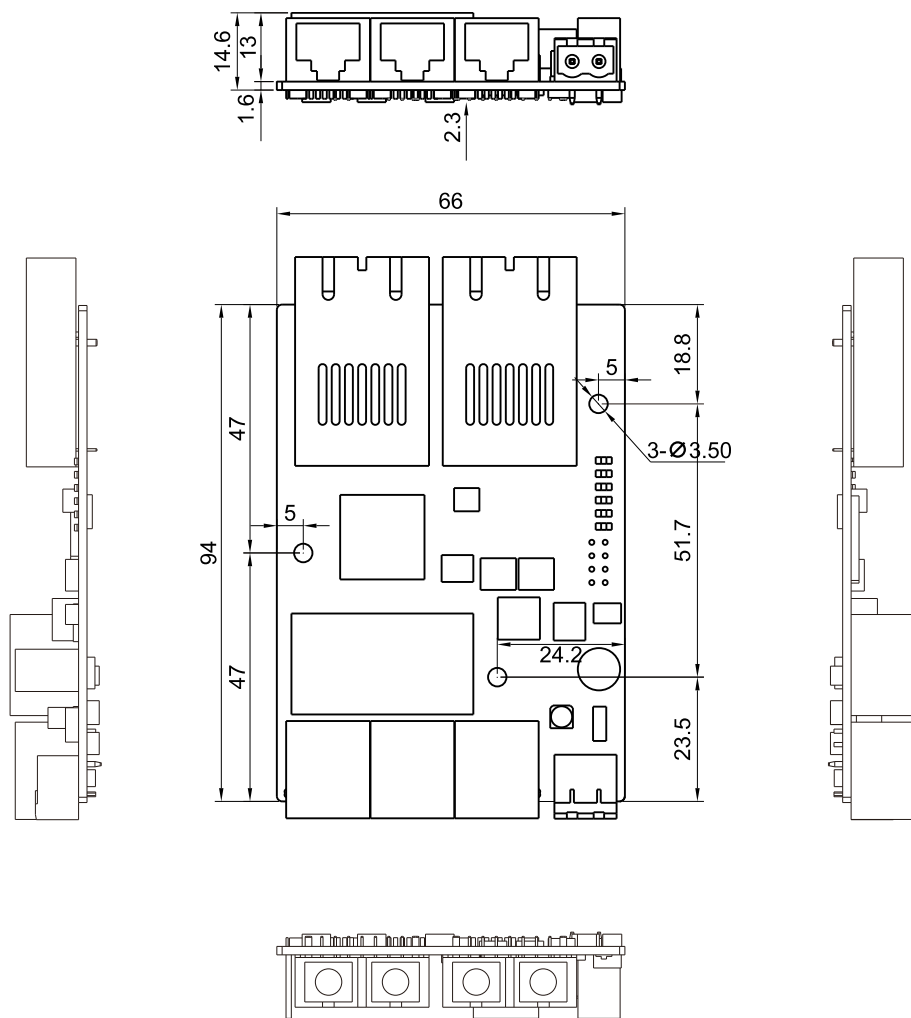
Specification

Relative Humidity	5%~95%(non-condensing)
Industrial Standard	
Certification	CE, FCC, RoHS



Dimensions

Unit:mm





Ordering Information

Standard Model	1G Fiber Port	1G Copper Port	Input Voltage
MES3105GA-2GF(M/S)-3GT	2	3	DC9~24V



Contact Us

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