CES3103-GF-2GT

3-Port Gigabit Layer 2 Embedded Industrial Ethernet Switch

- 1G fiber port, 2x1G copper ports

- Fiber port supports single-mode/multi-mode, SC/FC/ST, wavelength, and transmission distance are optional

- Copper port supports 10/100/1000M, full/half duplex, auto MDI/MDI-X

- Support Jumbo frame transmission, the maximum frame length is 9216 bytes

- Support DC6~32V power input, supports anti-reverse connection, pre-charge, overcurrent and overvoltage protection, and complies with intrinsically safe circuit design standards

- Support -40℃~+85℃ operating temperature

Product Description

CES3103-GF-2GT is a 3-port layer 2 unmanaged embedded industrial Gigabit Ethernet switch. It meets intrinsically safe design requirements. This product supports 1*fiber and 2*copper ports, and supports 1 DC6~32V power input, the power supply supports anti-reverse connection, pre-charge, over-current and over-voltage protection, and adopts embedded installation to meet the needs of various network sites. Each Gigabit copper port has auto-sensing capability, supports full-duplex or half-duplex mode, and can automatically perform MDI/MDI-X connections, providing a strong guarantee for industrial automation and making industrial communications smoother and more reliable. The hardware adopts industrial-grade components, and supports -40~+85℃ 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. It can be widely used in industrial automation, integrated energy, intelligent transportation, smart cities, smart mines and other fields.
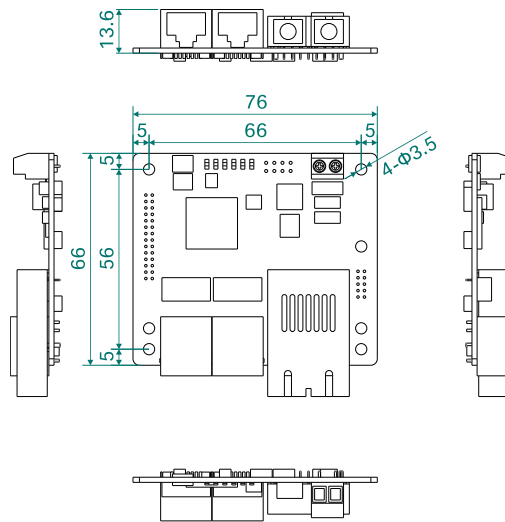
Technical Specifications

Switching	
Processing Type	Store-and-Forward
Backplane Bandwidth	14G
Buffer Size	2Mbit
MAC table address	2K
Interface	
1G Fiber Port	1*1000Base-X Gigabit fiber port optional, support SC /FC/ST interface optional, single mode / multimode optional
1G Copper Port	2*10/100/1000Base-T(X) auto-sensing Gigabit RJ45 ports, support full/half duplex, auto MDI/MDI-X connection
Status LED	Power indicator, interface indicator, support indicator outside lead
Power Supply	
Input Voltage	DC6~32V

Technical Specifications

Power Consumption	＜2.5W@DC12V
Connection	2-bit 5.08mm spacing wiring terminals
Overcurrent Protection	Anti-reverse connection, pre-charge, overcurrent protection, overvoltage protection
Physical Characteristics	
Dimensions	76×66×13.6 mm
Installations	Embedded installation
Weight	About 0.1kg
Working Environment	
Operating Temp	-40℃~+85℃
Storage Temp	-40℃~+85℃
Relative Humidity	5%~95% (non-condensing)
Industry Standard	
EMC	IEC 61000-4-5(Surge): Level 2 IEC 61000-4-4(EFT): Level 3
Certification	CE, FCC, RoHS

Dimensions

Unit: mm

Ordering Information

Standard Model	1G Fiber Port	1G Copper Port	Input Voltage
CES3103-GF(S/M)-2GT	1	2	DC6~32V

Contact Us

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