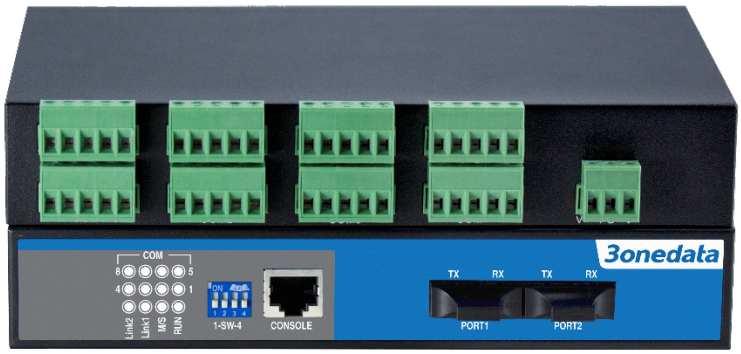
3onedata
Reliable Connections



IMF208-2F

Wall Mounting

8 RS-485 + 2 Fiber Ports Unmanaged Ring Network Serial to Fiber MODEM

- Support 8 RS-485 serial ports to 2 fiber ports
- Fiber ports support ring network and automatic recovery time of network failure < 20ms
- Support 0-115200bps linear speed non-blocking communication
- Support 12~48VDC wide voltage input

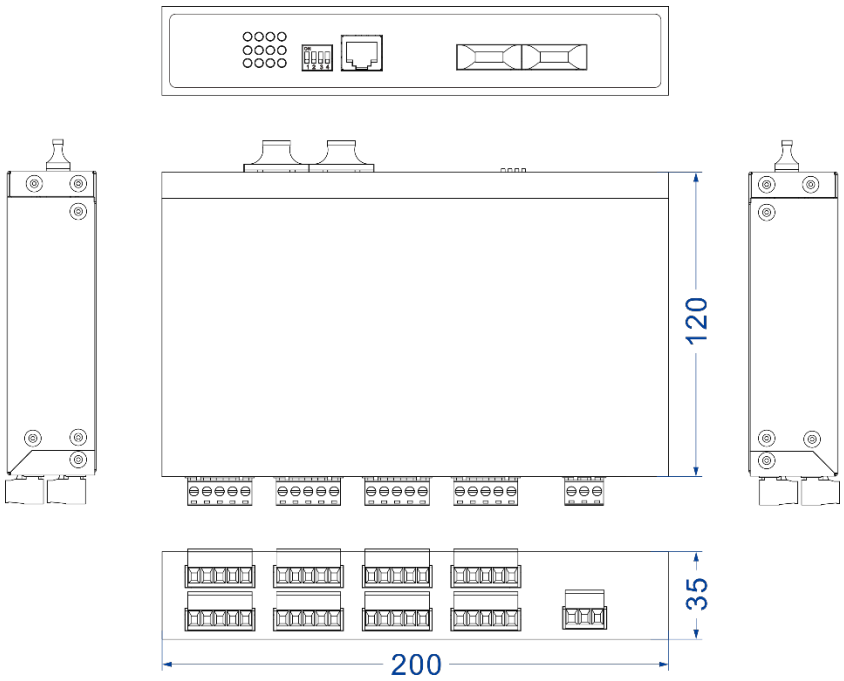
Introduction

IMF208-2F is a high-performance unmanaged ring network serial to fiber MODEM designed for industrial application. It supports mutual point-to-point backups of two fiber ports or ring network redundancy of multiple devices. It provides 8 RS-485 serial ports and 2 fiber ports, and adopts wall mounting, which can meet the requirements of different scenes.

DIP switch could implement master-slave configuration of devices. Hardware adopts fanless, low power consumption, wide temperature and voltage design and has passed rigorous industrial standard tests, which can suit for the industrial scene environment with harsh requirements for EMC. It can be widely used in power distribution automation, industrial automation, transportation and telecom, etc.

Dimension

Unit:mm



Specification

Fiber Port	Interface quantity: 2 (support ring network redundancy) Interface type: SC/ST/FC optional

	Transmission speed: 100Mbps Transmission distance: ● Multimode: 2km ● Single mode: 20km Transmission wavelength: ● Multimode: 1310nm ● Single mode: 1310nm or 1550nm
Serial Port	Standard: EIA RS-485 Serial port quantity: 8 RS-485 serial ports RS-485 signal: D+, D-, GND Baud rate: 0-115200bps Data bit: 5bit, 6bit, 7bit, 8bit Check bit: None, Even, Odd, Space, Mark Stop bit: 1bit, 1.5bit, 2bit Interface type: 5-pin 5.08mm pitch terminal blocks Direction control: RS-485 adopts automatic data flow control technology Load capacity: RS-485/422 port supports 32-point polling environment (128-point could be customized) Interface protection: 1.5kVAC isolation protection
LED Indicator	Running Indicator, master/slave device status indicator, fiber port indicator, serial port indicator
Power Requirement	12~48VDC, 3-pin 5.08 pitch terminal blocks Non-polar power supply
Power Consumption	No-load: 3.7W@24VDC Full-load: 3.8W@24VDC
Environmental Limit	Operating temperature: -10~70℃ Storage temperature: -10~70℃ Relative humidity: 5%~95%(no condensation)
Physical Characteristic	Housing: IP30 protection, metal Installation: wall mounting Dimension (W x H x D): 200mm×35mm×120mm Weight: 647g
Certification	CE, FCC, RoHS
Warranty	3 years

Ordering Information

Available Models	Fiber Port	RS-485	Power Supply
IMF208-2F	2	8	12~48VDC

Address: 3/B, Zone 1, Baiwangxin High Technology Industrial Park, Song Bai Road, Nanshan District, Shenzhen, 518108, China
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◄ Please scan our QR code for more details

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