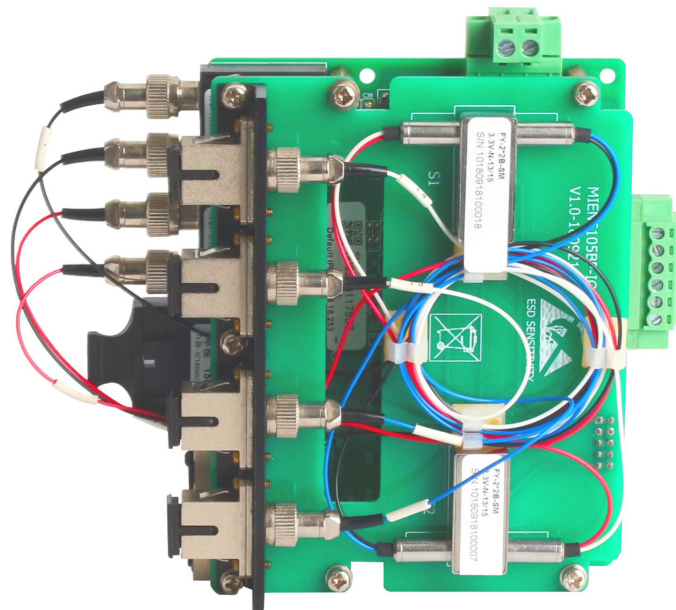


## MIEN5105BP-2TS

### 5x100M port +2 serial port Optical By-pass Embedded Managed Industrial Ethernet Switch

#### Product description

Maiwe5208BP series are high-efficiency, low-power, and simple network-managed industries with only three 100M fiber ports, 2x10/100M adaptive copper ports and 2 RS485 or CAN bus interfaces Ethernet switch. The product provides a desktop installation method with fixed holes, which can adapt to different installation environments and shorten the combination.



## Features:

- Support 3x100M fiber ports+2x10/100M copper ports
- Support 2 way RS485/CAN available filed bus data interface.
- Support By-Pass patent redundant technique
- Support static multicast filtering , IGMP Snooping;
- Support broadcast storm suppression and port rate control
- Support industrial dual power input backup
- Support independent dual redundant power supply configuration,
- support power-down, fiber-losing, storm alarm output;
- Support managed function such as VLAN, QoS, Trunking, and port mirroring;
- Wide temperature range design ,fanless thermal design.

## Product specification

### Technical specifications

Ethernet Standard	IEEE802.3 (Ethernet), IEEE802.3u (100Base-TX and 100Base-FX), IEEE802.3x (flow control), IEEE802.3z (1000Base-LX), IEEE802.3ab (1000Base-T), 802.1P.
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### Switch properties

MAC table	8k
Switch Bandwidth	1.2Gbps
Switch Latency	<5 $\mu$ s

### Interface

Copper port parameters	Physical interface: RJ45 with shield, IEEE802.3 standard RJ45 port: 10 /100Base-T, supports auto-negotiation function. Transmission distance: <100 meters
Fiber port parameters	Fiber: Multimode 850nm / 2Km Multimode 1310nm / 2Km Single mode 1310nm / 20/40/ 60Km Single mode 1550nm / 80 /100Km

### Power Requirements

Wuhan Maiwe Communication Co., Ltd  
Tel: 027-87170215/16 Fax: 027-87170217  
Add:No.2 building,Area E Fenghuang Industrial park,No.52 Liufang Avenue, East lake High-tech Development Zone,Wuhan,China

Power input	DC5-32V
Input power consumption	3.67W (@ 24V)
Overcurrent protection	built-in
Overload protection	support
Inversed protection	support
Redundancy protection	support

## Working Environment

Operating Temperature	-20°C~70°C
Storage temperature	-40°C~85°C
Ambient Humidity	5%~95%( non-condensing)

## Physical Characteristics

Dimension	39mm×90mm×114mm
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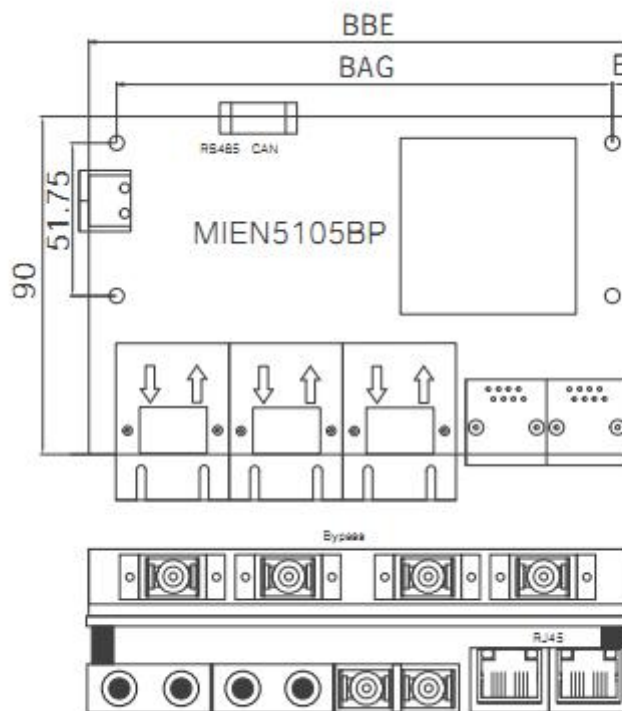
## Industry standard

EMC	EN61000-4-2 (ESD) ,Level 4
	EN61000-4-3 (RS) ,Level 4
	EN61000-4-4 (EFT) ,Level 4
	EN61000-4-5 (Surge) ,Level 4
	EN61000-4-6 (CS) ,Level 4
	EN61000-4-8,Level 5
Impact	IEC60068-2-27
Falling	IEC60068-2-32
Shock	IEC60068-2-6

## Warranty

Warranty period	5 Years
Certification	CE, FCC, RoHS

## Dimensional drawing



Positioning hole installation Unit: mm)

## Ordering information

MIEN5105BP-3F(M/S)- 2D485	3x100M fiber port+2x100M copper ports+2 way RS485, single power in standard
MIEN5105BP-3F(M/S)- 2CAN	3x100M fiber port+2x100M copper ports+2 way CAN ports, single power in standard