

1 Packing list

The package of this switch contains the following items. If any item is found to be missing or damaged, please contact the agent or the customer service center of Maiwe for assistant.

Items	Quantity	Note
MIR605-W	1	
Installation Manual	1	
Antenna	1	

2 Overview

► Function

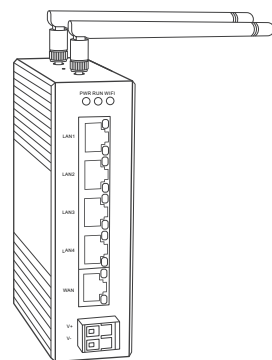
- 1.4 LAN ports, 1 WAN port
- Support 1 WLAN wireless LAN.
- Support LED status monitoring (display power, Run, Wi-Fi, WAN port connection, LAN port connection).
- One-button restart and factory reset.
- All wired network ports support 10/100Mbps rate.
- Support wired and wireless multi-network simultaneous online, multi-network intelligent switching backup function.
- Prevents crashes with external independent hardware watchdog design

► Industrial-grade interface surge protection

1. Up to DM ±6kV, CM ±2kV (10/700us) with Ethernet interface lightning protection

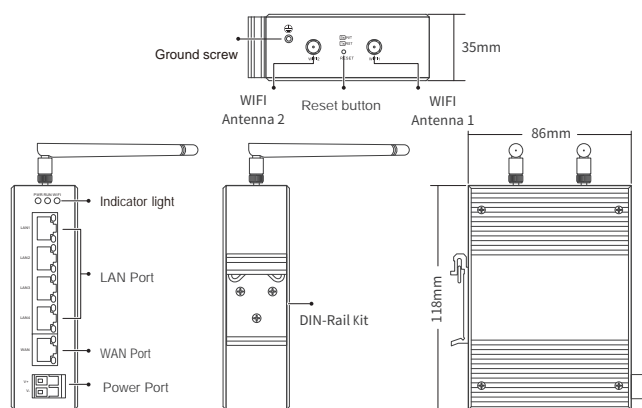
► Industrial wide voltage power supply design

1. Industrial-grade DC power supply DC9~36V input.
2. Anti-reverse protection.
3. Lightning protection up to DM±4kV, CM±4kV (1.2/50us) protection.



MIR605-W

3 Interface and Dimension



Item	Description
Ground Screw	Crimp one end of the grounding screw with the cold-pressed terminal. The other end of the grounding wire is connected to the ground, and the grounding wire is not less than 2.5mm ² .
WIFI Antenna	Two 2x2 MIMO 2.4G WIFI antennas.
Reset Button	With power-on, press less than 1s, and then release, the device will restart; press more than 5s, then release, the device parameters will be restored to factory settings.
LAN Port	mainly used for wired communication between the router and the devices in the LAN.
WAN Port	mainly used for the wired connection between the router and the WAN (external network), and supports static IP, dynamic IP and PPPoE dial-up networking.
Power Port	Support terminal connection (5.08mm pitch) connection mode, voltage input range: DC 9~36V.
DIN-Rail Kit	Fix the device

Indicator lights definition

Lights	Color	Definition
PWR	Red	Keep on indicates that the power supply is normal, and off indicates that the power is not supplied or the charging is abnormal
RUN	Green	flashes once in 0.5s with normal operation of the equipment; always on or off indicates abnormal operation of the equipment
WIFI	Green	Keep on when the WIFI radio frequency function is turned on Flashing when WIFI data transmission.

4 Hardware installation

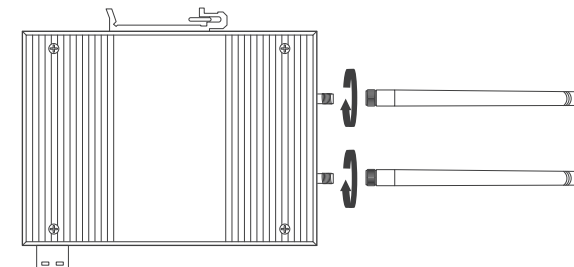
⚠ Installation Precautions

To prevent equipment damage or personal injury caused by improper use, observe the following precautions:

- During the installation process, you need to wear anti-static gloves or anti-static gloves, and power-off the switch.
- Make sure that the input voltage is within the input voltage range.
- Please connect the power cord to the power terminal correctly before power on, disconnect the power cord before power off.
- The transmission distance has a certain relationship with the connected wire. It is recommended to use a standard Cat5e/6 network cable.
- The equipment must be grounded for lightning protection, otherwise the protection of the equipment will be reduced; please use a wire of No. 20 or more to connect the grounding terminal to the ground.
- The power line, ground line and signal line are laid out separately and the distance is not less than 5cm.

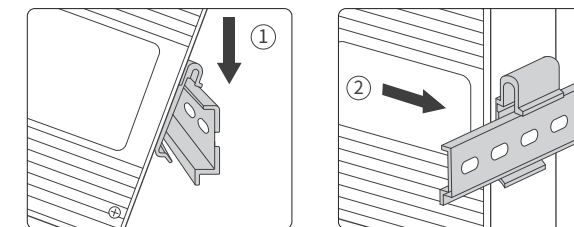
Antenna Installation

- Screw the antenna clockwise into the corresponding screw on the router.



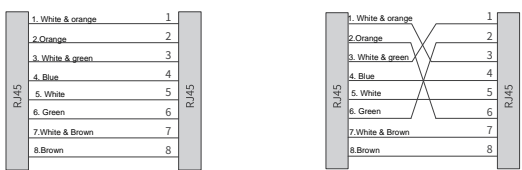
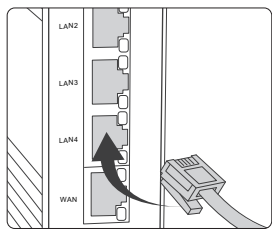
Device Installation

1. Tilt the product upwards so that the upper end of the buckle on the back is buckled on the upper end of the DIN rail.
2. Press the product down to buckle the lower end of the buckle on the back of the product into the DIN rail. After buckling, shake the product. If there is no obvious shaking, the product is installed firmly.



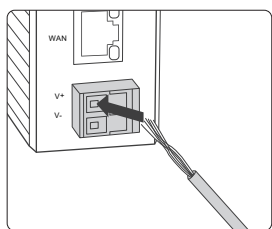
Device Connection

- ▶ Network cable connection
Connect the network cable in the correct direction. You can use a straight-connected network cable or a crossover network cable.



Five straight-through cable wiring Five across cable wiring

- ▶ Power access
Make sure that the ground is connected, and then connect the power cord to the power terminal of the device according to the definition shown.



- hint**
1. Power-on : first connect the cord to the power terminal according to the above picture shown
 2. Power-off : Unplug the power plug first, and then remove the power cord.

5 Specification

MIR605-W	
Power	
Voltage	DC9-36V
consumption	<2.5W
Overcurrent protection	
Electrical port parameters	
Interface	IEEE802.3 Standard
Quantity	4 LAN port , 1 WAN port
Function	RJ-45 shielded port supports 10/100Base-TX, auto-negotiation function
Transmission	<100M
Antenna	
Standard	Support 802.11b/g/n
Quantity	2
Interface	SMA interface (outer screw inner hole)
WIFI	
Frequency	Frequency:2412GHz--2484MHz
Transmit power	IEEE 802.11n : 13-16dBm @HT20/40 MCS7
	IEEE 802.11g : 14-17dBm @54MHz
	IEEE 802.11b : 16-20dBm @11MHz
Receiving sensitivity	HT40 MCS7 : -69dBm@10% PER(MCS7)
	HT20 MCS7 : -71dBm@10% PER(MCS7)
	54M: -75dBm@10% PER
	11M: -88dBm@ 8% PER

Mechanical	
Dimension	(118mm×35mm×86mm (H x W x D)
Installation	DIN rail
radiating	Aluminum alloy single-rib chassis surface heat dissipation Fanless
Weight	0.3kg
Working environment	
Operating temperature	-40°C~+70°C
Storage temperature	-40°C~+85°C
	5~95% (non-condensing)
Industry Standard	
EMC	EN61000-4-2(ESD),Level 4
	EN61000-4-4(EFT),Level 4
	EN61000-4-5(Surge),Level 4
Shock	IEC60068-2-27
Free fall	IEC60068-2-32
Vibration	IEC60068-2-6
Certification	
	CE, FCC, RoHS

6 Commitment to Customers

Thank you for purchasing Maiwe products. You will enjoy the following services when using Maiwe products:
The company solemnly promises: in the normal use of a month to return, one year free maintenance, five years warranty, lifelong maintenance. The details are as follows:

- ▶ Any quality problems and cannot work normally, within one month can be refunded, within one year for free maintenance, five years warranty, and maintenance for life.
- ▶ Two years warranty for optical fiber, cable, jumper, flange, cable terminal box and other optical passive products, but no return service.
- ▶ One year warranty for accessories and power supply comes with the product

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