

MIR655R-W

DIN RAIL 4G Industrial Wireless Router



- ◆ Support 4 wired LAN ports, 1 wired WAN port, 1 WLAN wireless LAN port, and one serial port;
- ◆ All wired network ports support 10/100Mbps rate;
- ◆ Support VPN virtual private network;
- ◆ The power supply supports DC power supply, terminal power supply, wide voltage power supply, and anti-reverse connection design;
- ◆ Support NTP, built-in RTC, internal and external hardware and software watchdog design, to ensure the stability of the system;
- ◆ Support wired and wireless multi-network online at the same time, multi-network intelligent switching backup function;
- ◆ Hardware protection design, serial port and power supply have high electrostatic surge protection, suitable for industrial environment applications.



Product Description

MIR655R-W series industrial wireless router is a new generation of 4G router specially designed and developed for industrial communication network applications. This series of products has rich network connection types, supports transparent data transmission from RS485 to the network, supports 4 wired LAN ports, 1 wired WAN port and 1 WLAN wireless local area network. At the same time, it also supports wired and wireless multi-network online at the same time, multi-network intelligent switching backup function, etc., making industrial communication smoother, more reliable and faster. This product adopts the openwrt open architecture, supports users' secondary development, and meets customers' needs for continuous innovation to increase value-added applications.

The wireless router provides a wide range of DC power input. In terms of structure and installation, MIR655R-W series industrial wireless routers are installed with card rails; on the core components, the products adopt industrial-grade quality design solutions, with APN automatic network detection, automatic switching of network standards, SIM card information display, instant connection and use, etc. Features, can be used for remote on-site data collection, remote monitoring, on-site control, etc., and is an indispensable industrial communication product for the development of the Industrial Internet of Things. At the same time, it provides a wireless long-distance fast networking solution for user equipment.

Product Features

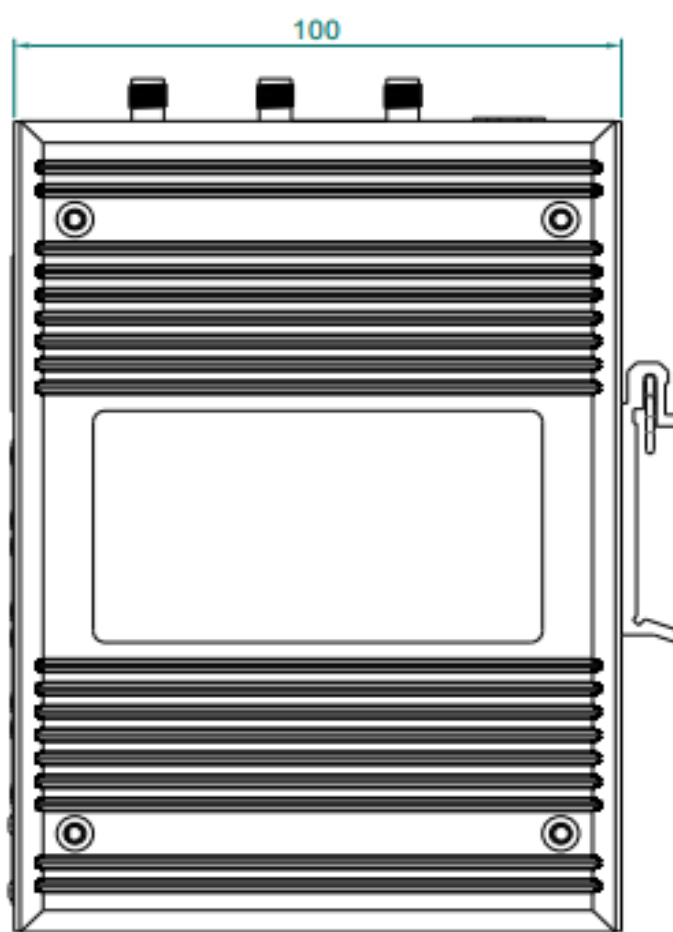
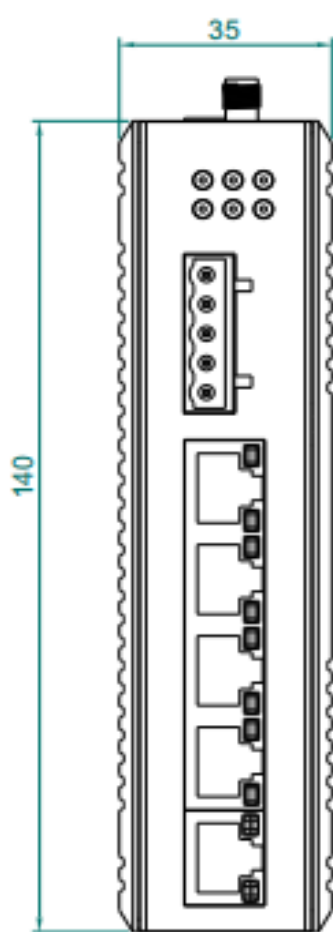
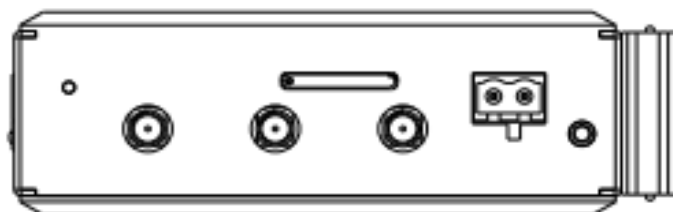
- ◆ Support 4 wired LAN ports and 1 wired WAN port;
- ◆ Support LED status monitoring;
- ◆ Support transparent data transmission from RS485 to the network;
- ◆ Support Web multi-platform management configuration mode;
- ◆ All wired network ports support 10/100Mbps rate;
- ◆ Support APN automatic network inspection, 2/3/4G standard automatic switching, SIM card information display, support APN private network card; support wired and wireless multi-network online at the same time, multi-network intelligent switching backup function;
- ◆ Support static routing, PPPoE, DHCP, static IP function;
- ◆ Support firewall, NAT, DMZ host, black and white list of access control, IP speed limit, MAC speed limit;
- ◆ Support QoS intelligent traffic speed limit;
- ◆ Support NTP network automatic time adjustment;
- ◆ Support operator private network APN;
- ◆ Support port mapping function;
- ◆ Support immediate restart and scheduled restart functions.

Specifications

Network	
Number of antennas	3
Antenna interface	SMA
SIM card	Voltage: 3V, 1.8V
Number of SIM cards	2
Serial	
Serial data port	RS485
Serial data rate	300~230400bps
Network	
Type	RJ45
EMC	1.5kV
Cross direct connection	automatic switching Support
LAN	4 x 10/100Mbps self-adaptive Ethernet ports, support MDI/MDIX,
WAN	1 x 10/100Mbps adaptive Ethernet port, support MDI/MDIX
Wi-Fi	
Standard	802.11b/g/n
Antenna	1, SMA interface (outer screw inner hole)

Power	
Power	9.0V~36.0V
Current	317mA@12V
Interface	DC power base, terminal power supply
Protection	Anti-surge, ESD protection, anti-reverse connection
Environment	
Working temperature	-40℃~75℃
Storage environment	-40~85℃/5%~95% RH
Appearance	
Size	140×35×100mm(L*W*H)
Wireless	
Network	4G, 3G and 2G
Transmission rate	FDD-LTE: Max 150Mbps (downlink)/Max 50Mbps (uplink) TDD-LTE: Max130Mbps (downlink)/Max 30Mbps (uplink) WCDMA: Max 384Kbps (downlink)/Max 384Kbps (uplink) EDGE: Max 236.8Kbps (downlink)/Max 236.8Kbps (uplink) GPRS: Max 85.6Kbps (downlink)/Max 85.6Kbps (uplink)
Bands	LTE FDD: B1/B3/B5/B8 LTE TDD: B34/B38/B39/B40/B41 WCDMA: B1/B5/B8 GSM/EDGE:B3/B8
Software	
User configuration	Web
Software	Support DNS, support operator private network APN Wi-Fi signal supports WPA/WPA2, WEP and other encryption methods Support port mapping function, traffic speed limit function, support QoS Support serial port to network transparent transmission, DHCP, static routing, PPPoE, static IP function Support transmission protocols such as TCP Server/TCP Client/UDP Server/UDP Client Network diagnosis function: support Ping, Traceroute and Tcpdump (network capture tool), etc. Supports Web upgrade, etc., supports local system log, remote log, local log timed storage, etc. Supports wired and wireless multi-network online at the same time, supports links, wired and wireless backup, etc. Automatic detection of network disconnection, automatic restart when dialing fails, one-key restore factory default configuration Support immediate restart, scheduled restart, dynamic DNS domain name mapping, peanut shell intranet penetration function Support VPN Client, VPN Server, SNMP, LLDP protocol and network management platform

Installation Size



Unit: mm