

M335-W

Industrial 4G LTE Dual SIM Cellular Router with Wi-Fi



Introduction

Proscend M335-W Industrial 4G LTE Cellular Router has 4 Gigabit LAN ports, 1 Gigabit WAN port, and dual SIM support to enable critical industrial applications and various IoT connectivity for optimal performance and network redundancy. The M335-W is designed with a rugged compact enclosure for DIN-rail or wall mounting to install in diverse spaces.

The M335-W features digital I/O, serial ports (RS-232, RS-485), and DC power input methods to provide flexible installation in demanding environments. The M335-W is also compliant with IEEE 802.11b/g/n Wi-Fi connectivity. Proscend M335-W is a highly secure and reliable cellular router used in main or backup Internet communications to accelerate IoT deployments at scale and simplify network management.

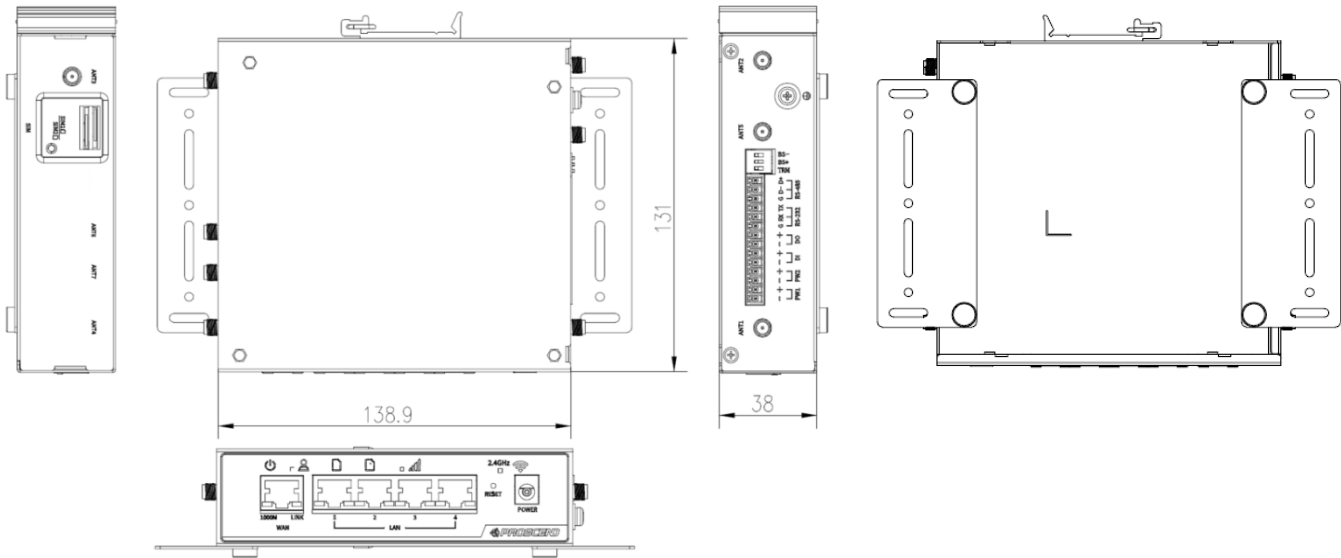
Features

- Support multi-band connectivity with FDD LTE / TDD LTE / LTE CAT4.
- Provide IEEE 802.11b/g/n Wi-Fi standards.
- Built-in dual Micro SIM slots, serial ports (RS-232, RS-485), and DI/DO interfaces.
- Detachable antenna design for using a wide variety of external antennas.
- LED indicators for connection and data transmission status.
- Industrial rated from -20 to +70°C for use in harsh environments.
- Support serial communication protocols for flexible connectivity.

Specifications

<p>Cellular Interface</p> <ul style="list-style-type: none"> ■ 4G: FDD LTE, TDD LTE ■ 3G: WCDMA <p>Hardware Interface</p> <ul style="list-style-type: none"> ■ 1 x 1000Base-T WAN port compliant with 802.3ab ■ 4 x 1000Base-T LAN ports compliant with 802.3ab ■ 2 x Micro SIM slots ■ 1 x Reset Button ■ 1 x RS-232 (TX/RX/GND) ■ 1 x RS-485 (D+/D-/GND, Non-Isolated) ■ 1 x DI (Non-Isolated), 1 x DO (Non-Isolated) ■ 2x SMA connectors for detachable 5G/4G Antenna ■ 1 x SMA connector for detachable GPS antenna ■ 1 x RP-SMA connector for detachable Wi-Fi Antenna <p>Wi-Fi Interface</p> <ul style="list-style-type: none"> ■ Compliant with IEEE 802.11 b/g/n Wi-Fi standards ■ 2.4 GHz radio band for wireless ■ Wireless security with WPA2-PSK(AES) <p>Physical Characteristics</p> <ul style="list-style-type: none"> ■ Enclosure: Metal Case ■ Dimensions (W x H x D): 138.9 x 38 x 131 mm ■ Weight: 555 g ■ Installation: Wall mounting, DIN-rail, Desktop. <p>LED Display</p> <ul style="list-style-type: none"> ■ 1 x Power status ■ 1 x System operation (user-defined indicator) ■ 2 x SIM card presence ■ 1 x Cellular signal strength ■ 1 x Wi-Fi status 	<p>Power Supply</p> <ul style="list-style-type: none"> ■ Terminal block power Input: 12 ~24 VDC ■ DC Jack Power Input: 12 VDC, 1A ■ Power Consumption: 10 watts (Max) <p>Environment</p> <ul style="list-style-type: none"> ■ Operating Temperature: -20 ~ +70°C ■ Storage Temperature: -40 ~ +85°C ■ Humidity: 10 ~ 95% (non-condensing) <p>Software</p> <ul style="list-style-type: none"> ■ Network Protocols: IPv4, IPv6, IPv4/IPv6 dual stack, DHCP server and client, Static Routing, Policy Route, Static IP, SNTP, DNS Proxy, Modbus TCP to Modbus RTU, DDNS, QoS, UPnP, GPS sync time ■ Routing/Firewall: NAT, Virtual Server, DMZ, MAC Filter, URL Filter, IP Filter, IPS ■ VPN: IPSec (3DES, AES128, AES256, MD5, SHA-1, SHA256), GRE, PPTP, L2TP ■ Management: Web GUI with HTTPS/HTTP, Dual Image, Syslog, SNMP, SSH v2, SMS Action, GPS Report ■ Cellular: Dual APN, IP Passthrough ■ Alarm: SMS, VPN/WAN Disconnect, SNMP Trap, E-mail <p>Wireless Connectivity</p> <ul style="list-style-type: none"> ■ Wi-Fi AP Mode <p>Standards and Certifications</p> <ul style="list-style-type: none"> ■ NCC CNS15936(EMI) & CNS15598-1(Safety)
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Dimensions



Unit: mm

Ordering Information

Model Name	Description
M335-W	Industrial 4G LTE Dual SIM Cellular Router with Wi-Fi

NOTE: Features and specifications are subject to change without prior notice.