

M351-5G

Industrial IoT 5G NR Cellular Router



Introduction

Proscend M351-5G Industrial IoT 5G NR Cellular Router transforms the Industrial IoT connectivity to the 5G era. The M351-5G features a compact industrial design, lower power consumption, extended operating temperature, flexible power and cable installation, optimum cost performance, RS-232/RS-485, and DI/DO, plus the 5G natures of greater transmission speed and low latency, suits the best of service in various smart city applications.

The M351-5G comes with 4 Gigabit LAN ports, 1 Gigabit WAN port, and dual SIM support to enable critical industrial applications and reliable IoT connectivity for optimal performance and network redundancy. For massive rollout, M351-5G works with O'Smart, the Proscend IoT Management System, to empower administrators to remotely monitor, supervise, and configure the M351-5G Cellular Router anywhere, anytime.

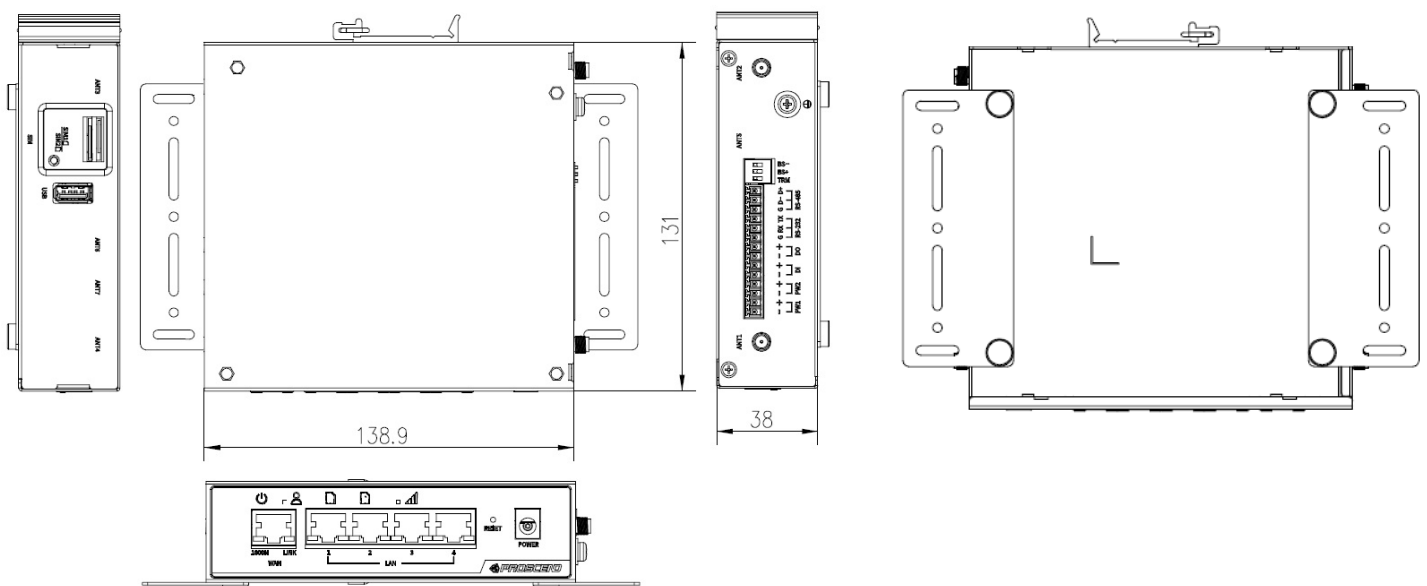
Features

- Support multiple band connectivity with 5G NR / FDD LTE / TDD LTE.
- Built-in dual Micro SIM slots, serial ports (RS-232, RS-485), DI/DO interfaces, USB port.
- Detachable antenna design for using a wide variety of external antennas.
- Industrial rated from -30 to +70°C for use in harsh environments.
- Support massive remote management by O'smart the IoT Management System

Specifications

<p>Cellular Interface</p> <ul style="list-style-type: none"> ■ 5G: NR FDD/TDD ■ 4G: LTE FDD/TDD ■ 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 USB2.0 slot ■ 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 5G Antenna <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 : 550 g ■ Installation : Wall mounting, DIN-rail mounting, 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 	<p>Power Supply</p> <ul style="list-style-type: none"> ■ Terminal block power Input: 12 ~26 VDC ■ DC Jack Power Input: 12 VDC, 2A ■ Power Consumption: 20 watts (Max) <p>Environment</p> <ul style="list-style-type: none"> ■ Operating Temperature -30 ~ +70°C ■ Storage Temperature -40 ~ +85°C ■ Ambient Relative Humidity 10 ~ 95% (non-condensing) ■ Humidity 0 ~ 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 ■ Routing/Firewall: NAT, Virtual Server, DMZ, MAC Filter, URL Filter, IP Filter, IPS ■ VPN: IPSec (3DES, AES128, AES192, AES256, MD5, SHA-1, SHA256), GRE, PPTP, L2TP ■ Management: Web GUI with HTTPS/HTTP, Dual Image, Syslog, SNMP, SSH v2, SMS Action, O'smart ■ Cellular: Dual APN, IP Passthrough ■ Alarm: SMS, VPN/WAN Disconnect, SNMP Trap, E-mail <p>Standards and Certifications</p> <ul style="list-style-type: none"> ■ NCC & BSMI CNS15936 & CNS15598-1
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Dimensions



Ordering Information

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