



**Discover How Our GoRugged
Cellular Modems are Different**
- The Real Industrial Cellular Modem

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Corporate Profile



Robustel Technologies is a technology company with heavily investment in R&D, focus on industrial grade wireless machine-to-machine (M2M) communications and telecom grade mobile broadband/access development.



Aim to design and deliver innovative products and solutions for the M2M market, and to be leading provider for wireless device networking worldwide.



State-of-the-art products, including smart cellular modems, mobile gateways/terminals, AVL trackers, etc.

Common Problems Faced Before?

- **C** Modems always **crash** randomly, can only work again after reboot on site

- **D** For industrial applications, no **Din-Rail**

- **H** Hardware always broken in **harsh** environment

- **R** Can't find correct direction where has better **RSSI**

- **V** Can't meet your **voltage** input on site

- **4** Can't find proper solution for your **RS-485** interface

How to Solve Those Problems?

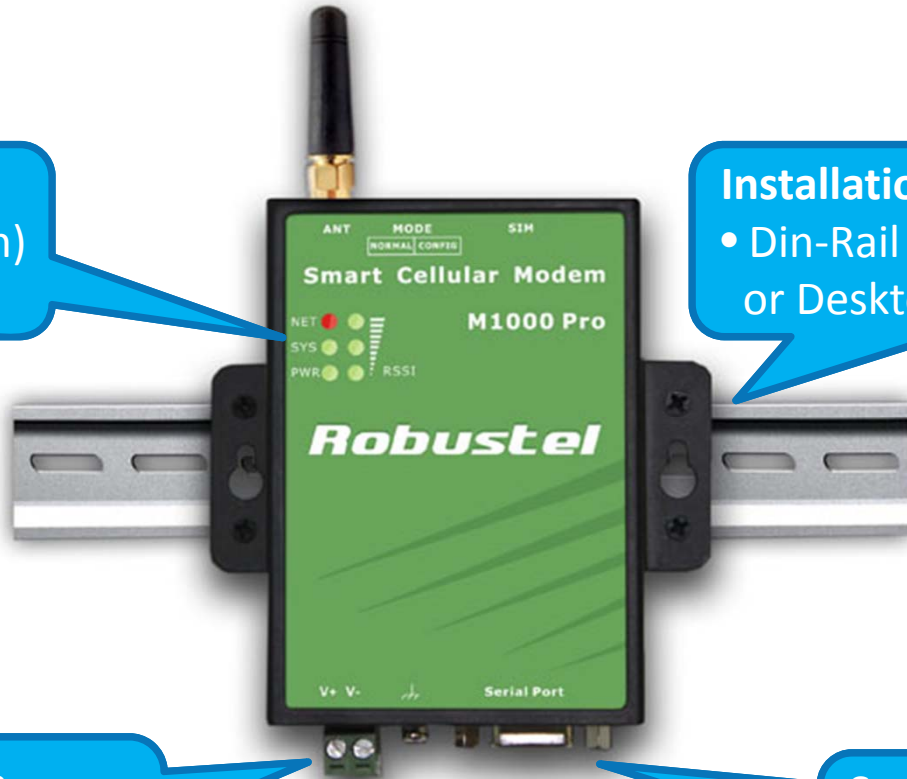
LED Indicators

- RSSI (Signal Strength)
- NET, SYS, PWR



Installation

- Din-Rail or Wall Mounting or Desktop



Power Supply: 2-PIN 5mm pluggable terminal block

- DC 9-36V input

Serial Port: DB9F

- RS232 and RS485 selecting by software

- Built-in watchdog and timer (anti-crash)
- Reboot via SMS/Caller ID/Preset Time

High Standard to Meet Harsh Environmental Conditions

- Operating temperature: -25 to 70° C
- CE 1177 & R&TTE compliant
- High EMC Performance (higher than CE/FCC, can meet power utility harsh environmental conditions)

EN 61000-4-2	ESD	Level 4
EN 61000-4-3	RS	Level 4
EN 61000-4-4	EFT	Level 4
EN 61000-4-5	Surge	Level 3
EN 61000-4-6	CS	Level 3
EN 61000-4-8	PM	Level 4
EN 61000-4-12	OWI	Level 3

Photos Comparing to Traditional Modems

- More EMC Optimization Components



GoRugged M1000 Family

- **M1000:** Smart GPRS/EDGE Modem
- **M1000 Pro:** Serial to GPRS/EDGE Gateway (Automatic GPRS connection, no AT commands required, wakeup by serial data/SMS/Caller ID)
- **M1000 Java:** Smart GPRS Modem with Built-in JAVA
- **M1000 Lite:** Smart GPRS Modem: less feature version
- **M1000 CDMA:** Smart CDMA Modem



Thank you!

Robustel

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