

RATTLER | 3i

Remote Monitoring and Control of Industrial Applications

The RATTLER 3i, a low cost, compact device offers remote monitoring and control for your industrial applications. Equipped with cellular connectivity and data collection capabilities, the RATTLER 3i provides exclusive access to our cloud-based platform, allowing for 24/7 monitoring of system operation. View system statuses in real-time or through automatically generated reports, and get notified of critical issues via email and text alerts. Sustain maximum uptime, gain valuable system insight, and establish greater cost savings, all while ensuring added peace of mind.



Effectively manage and optimize your system with cutting edge control for your industrial applications. MODBUS TCP connection, Logic Tables, PID and VFD Control allows you to connect and oversee industrial electronic devices.



This embedded, hardened field device with integrated wireless telematics and cloud software will ensure advanced, remote monitoring and control from anywhere at any time.

WHY RATTLER?

- Cost-effective solution
- Exclusive access to cloud-based monitoring platform
- View system status in real-time
- Control capability (MODBUS/PID Control/Logic Table)
- Notification of critical issues
- Failure alerts sent via text or email
- Automated reports
- Greater system insight
- "Last-gasp" battery backup
- Utilizes the industrial standard 4-20 mA current loop



CONNECTIVITY - FULLY INCLUDED

Cell Modem	4G Cat M1
GPS	Yes
OTA Software Update	Yes

INDUSTRIAL I/O

Analog Inputs (0-30V)	3
Analog Inputs - Voltage (0-280V)	1
Analog Inputs - 4-20mA	3
Digital Inputs	4
Analog Outputs - 4-20mA	1
Digital Outputs - On/Off, Freq., PWM	1
Outputs - 4-20mA or On/Off, Freq., PWM	1
Internal Temperature Sensor	Yes
RS485 Port	MODBUS RTU
USB Port	Yes

MISCELLANEOUS

Control Capability	PID Control, Logic Table, VFD Control
Non-volatile Memory	Yes
Operating Temperature	-37°C to 74°C
Humidity	5-95% Non-Condensing
Dimensions	1" x 2.375" x 4.5"
Input Voltage	10-30V DC
Power Consumption DC	< 20mA @ 12VDC (for Optional Solar Applications)



Rattler System