(((NFC)))
HOT SPOT

Proactive Sensing

RMU-1350
Remote Monitoring Unit

with Advanced Sensor Engine

SATELLITE COMMUNICATION REQUIRES A CLEAR VIEW OF THE SKY

Monitor the Operation of Your Remote Equipment – *Wherever it is!*

Improve the uptime and reliability of your remote unattended equipment by using the RMU-1350 Remote Monitoring Unit to notify you of conditions that could affect their operation – conditions such as low-fuel level, power problems, leaks and various other malfunctions and anomalies.

Proactive Sensing's RMU-1350 contains an Advanced Sensor Engine that tracks and reacts to sensed conditions along with a complete satellite communications system, antenna, and a power management system that powers everything using six long-life and readily available Energizer Ultimate lithium batteries. And yes, the RMU-1350 can even provide loop power to industry-standard 4-20mA sensors providing complete stand-alone operation!

Just attach appropriate sensors to what needs to be monitored, set a few parameters and starts transmitting periodic status updates along with geo-location and ambient temperature to your web-browser. The RMU-1350 can also text alert notifications directly to your cell phone.
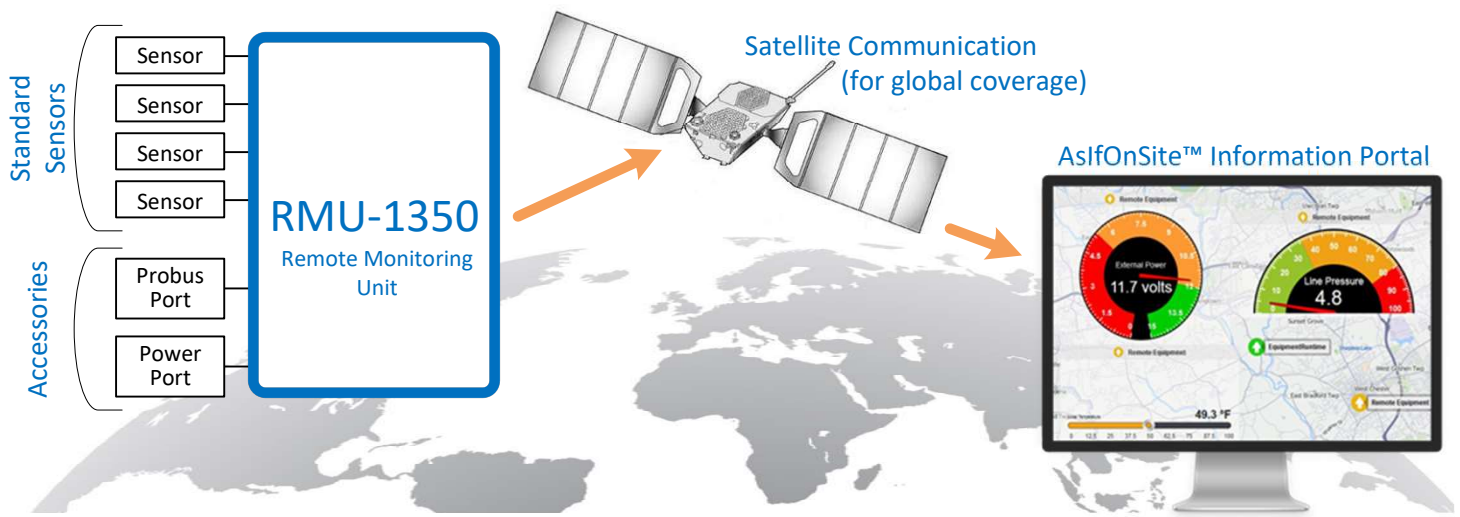
Top Features

✓ Interfaces with and provides power to a wide variety of sensors including most industry-standard 2-wire loop powered sensors.
✓ Powered by standard AA Energizer batteries. An optional solar energy harvester is available for high-usage applications.
✓ Satellite communication provides global coverage.

Typical Applications

- Monitor liquid & bulk inventory levels
- Ensure that critical temperatures limits are not violated
- Monitor the operation of motors, engines, generators, pumps and HVAC systems

Proactive Sensing | *We're there - so you don't have to be !*

A complete end-to-end remote monitoring solution!

Sensor
Sensor
Sensor
Sensor

Standard Sensors

Probus Port
Power Port

Accessories

RMU-1350
Remote Monitoring Unit

Satellite Communication
(for global coverage)

AsIfOnSite™ Information Portal

External Power
11.7 volts

Line Pressure
4.8

49.3 °F

Proactive Sensing made the installation and configuration of the RMU-1350 remote monitoring system both simple and intuitive. Just choose the parameter template from our solution library that best suits your application, customize a few settings to your specific requirements, connect an industry-standard sensor, and start receiving detailed tracking and monitoring information through the AsIfOnSite information portal.

Specifications

		RMU-1210	RMU-1350	RMU-1540	Notes
General	Certifications	No	No	Class1 Div2	
	Environmental Rating	IP67	IP67	IP67	
	Enclosure Material	ASA	Polycarb	Fiberglass	
	Size (inches)	5.6x3.8x1.5	7.5x3.3x2.3	7.5x3.3x3.8	
	Internal Sensors	Temp,Vibration, Battery	Temp,Vibration, Battery	Temp,Vibration, Battery	
	Max # standard sensors	1	2	4	
	Connection Ports	1	2	4	
	Operating Temp	-40 to 140	-40 to 140	-40 to 140	
Supported Sensor Types	4-20mA Sensors	Yes	Yes	Yes	
	Variable Resistance	Yes	Yes	Yes	
	Dry Contact	Yes	Yes	Yes	
	Probus	Yes	Yes	Yes	
Communi-cation	Type	**Simplex**	Simplex	Simplex	
	Near Field (NFC)	Narrow	Narrow	Narrow	
Power	Internal Batteries	6 x AA	6 x AA	6 x AA	
	Ext Power Connection	Optional	6-28VDC 1A	6-28VDC 1A	

Accessories

AppTap (included) - This Android application enables you to access sensor readings and other information by touching your cell-phone directly to the monitoring unit. Cell phone service is NOT required to use this capability.

Outdoor Mini-Display – Rugged outdoor-rated OLED display with single push-button operation enables you to scroll through all monitored conditions. Can be located up to 20 ft away from the monitoring unit.

Solar Energy Harvester – If your application uses significant amounts of system resources and/or it you require longer battery life, you can add the optional solar energy harvester.

Standard Sensors – Proactive Sensing offers a growing list of sensors that offer exceptional performance and cost effectiveness. Check our website for details.

Custom Sensors – Do you need to sense a condition that can't be sensed with a standard off-the-shelf sensor? Call us to discuss your requirements.

Call us at +1 484-488-4000 to discuss your application. We can suggest sensors, equipment, software and communications solutions to solve most any remote monitoring application

20200605