

REMOTE MONITORING SOLUTIONS



Simplify your remote monitoring with RMS1000 – the powerful IIoT edge device from TAG Solutions

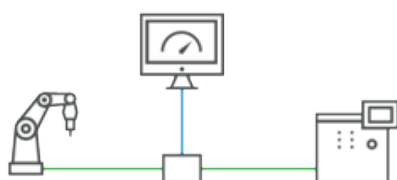


RMS1000

A Preconfigured IPC, I/O & Software Platform

The Next-Generation Solution for Your IIoT Needs

Introducing RMS1000, the next-generation IIoT edge device that takes remote monitoring to the next level. Developed by TAG Solutions, RMS1000 integrates the advanced sensing capabilities of Banner Engineering to monitor easily integrated wireless sensors. With this added functionality, the RMS1000 provides even greater insights into your industrial processes and equipment performance, ensuring maximum efficiency and uptime. Say goodbye to manufacturer “lock-in” and enjoy peace of mind. Integrating with FacilityConneX, our cloud-based real-time monitoring solution, RMS1000 proactively optimizes energy efficiency, operational performance, and preventative maintenance with advanced predictive analytics.



OPC UA Server



Machine to Machine



Machine to Cloud (IIoT)

FAST ENGINEERING

Faster development times aided by powerful wizards, extensive driver list and toolboxes.

SCALABILITY

Designed to ensure maximum scalability and allows you to use a single configuration environment for modular solutions in a simple and flexible way.

MAXIMUM SECURITY

Layered Security and Authentication methods to ensure managing data between Server and Client and highest level of threat protection.

RMS1000 Features

FEATURE	DESCRIPTION
ETHERNET PORTS	2 GbE LAN
SERIAL PORTS	1 RS232/422/485 Selectable (1 Total)
USB	1 3.2 Gen 1, 2 2.0 and 1 USB-C
ONBOARD MEMORY	8GB memory with 64GB SATA SSD
CELLULAR	4G (NOT 5G) LTE Connectivity AMIT 4G LTE Modem for FR01 (no SIM) - US ONLY
MAX SUPPORTED TAGS	4,000 (default)
SUPPORTED DEVICE CONNECTIONS	Six simultaneous drivers are supported
DRIVER	Allen-Bradley Rockwell - Ethernet/IP · GE Ethernet · Modbus Serial RTU and Modbus TCP-IP · Omron - Ethernet/IP and FINS Ethernet · OPC UA Client · Siemens PC Adapter-MPI, PPI, and S7 TCP · SQL Driver · IoT ProgeaCloud Databoom · MQTT Client · ROC · BACnet/IP · Konnex - KNX Eibus · SNMP Manager · Fatek · Mitsubishi - Melsec FX, Melsec FX TCP, Melsec Q TCP · MTConnect · Panasonic FP MEWTOCOL · Saia DATA Mode
INPUT VOLTAGE	8~24 VDC ; 3pin Terminal Block
OPERATING TEMPERATURE & HUMIDITY RANGE	-20 ~ 60C ; 10% -95% (non-condensing)
CASE TYPE & MATERIAL	Compact Fanless Aluminum and Plastic
REGULATORY INFORMATION	ETL Listed · EN 62368-1 · IEC 62368-1 IEC · IEC 60945 · IEC/EN 61010-1 · IEC/EN 61010-2-201 · CE · UKCA · REACH · RoHS 3 (2015/863/EU) · CB scheme
WARRANTY	1 Year Limited Warranty on Parts

Banner Engineering Sensors

PART NUMBER	DESCRIPTION
Q45VA	All-in-one vibration and temp sensor for monitoring rotating equipment like motors and pumps. Magnetic and non-magnetic brackets available.
Q45DT	All-in-one wireless dual thermistor node measuring two thermistors for air and liquid handling applications.
Q45CT	All-in-one current transformer and wireless node measuring current draw to reveal critical motor performance issues.
Q45UA	All-in-one ultrasonic sensor and wireless node for monitoring fluid or dry assets in tanks, totes, and containers.
Q45PS	All-in-one pressure sensor and wireless node measuring air, gas, and fluid pressure of systems and equipment.



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