

REMOTE MONITORING SOLUTIONS



Simplify your remote monitoring with RMS500 – the powerful IIoT edge device from TAG Solutions



RMS500

Edge Ultrasonic Sensor Solution for Tank Level Monitoring

Simplified, Easy-To-Use Platform for All Your IIoT Needs

Introducing RMS500, the powerful IIoT edge device that simplifies your remote monitoring solution. Developed by TAG Solutions, RMS500 is designed for easy integration into third-party applications like AWS, Microsoft Azure, and FacilityConnex. With faster engineering and maximum scalability, RMS500 offers a single configuration environment for simple and flexible modular solutions. Our Movicon.NEXT™ SCADA software serves as the foundation for industrial control and building management systems, providing I/O data server, gateway, and IIoT connectivity engine functionalities, plus advanced features like network gateways, historians, and data loggers, all with maximum security and performance.

But that's not all – the RMS500 also includes sensors from Banner Engineering to monitor 1-4 wired sensors. With this additional capability, the RMS500 can provide even greater insight into your industrial processes and equipment performance. Say goodbye to manufacturer “lock-in” and enjoy peace of mind. By integrating with FacilityConnex, our cloud-based real-time monitoring solution, RMS500 proactively optimizes energy efficiency, operational performance, and preventative maintenance with advanced predictive analytics for up to 35% in energy and cost savings.

Maximum Scalability and a Future-Proof Solution for Changing Application Needs

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.



Describe the analog to Modbus converter and connecting to any sensor.

RMS500 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
SUPPORTED CLOUD CONNECTIVITY	FacilityConnex, Amazon, Azure, or Google Cloud solutions
INSTALLED SOFTWARE	Movicon Connex, and FacilityConnex Edge
MAX SUPPORTED TAGS	4,000*
SUPPORTED DRIVERS - SIX SIMULTANEOUS DRIVERS ARE SUPPORTED (UPGRADE FOR ADDITIONAL DRIVERS)	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



Visit Our Website
tagsolutions.io/remote-monitoring-solutions

