



VT-MIPM-138-D IPm® Industrial RTU

Item number: VT-MIPM-138-D

The VT-MIPM-138-D IPm® Industrial RTU Controller provides powerful control in industrial automation applications. Feature-rich functionalities include onboard I/O options, datalogging, custom programming and a communications gateway. Built to last in the most demanding applications.



*Manage industrial processes remotely with onboard I/O
ideal for harsh environments.*

Features and benefits

- ✓ **Rugged and durable design**
Operates in industrial environments across a wide temperature range (-40 to 70 °C). Thrives under high vibration and shock conditions and certified for use in hazardous locations.
- ✓ **Advanced debugging and diagnostic tools**
Spot communication errors quickly with Modbus diagnostic registers. Monitor process states and track variables graphically from the Watch window.
- ✓ **Modular and compact design**
Save hardware space using DIN-rail or flat panel mount. Built in I/O provides all you need in one compact package.
- ✓ **Onboard I/O**
Communicate effectively with 12 Discrete Inputs, 8 Discrete Outputs and 6 Analog Inputs.
- ✓ **Automated data logging and control**
Intelligent data logging and control in one device. Use the Red Lion Workbench to customize data logging and alarms.
- ✓ **Programming ease and flexibility**
Standard programming & configuration software supports IEC61131-3 languages. Build a Sequential Function Chart, Ladder Diagram, Structured Text, Instruction List and Function Block Diagram.
- ✓ **Control your system from a user-friendly GUI**
Configure, debug, monitor and maintain remote sites from Red Lion Workbench's easy-to-use interface.
- ✓ **Connect with Ethernet and serial ports**
Connect to SCADA systems and external devices from 1 Ethernet port, 2 RS-232 ports and 1 RS-485 port. Supports TCP/IP, UDP/IP, DHCP, Telnet, SSH, Modbus, Sixnet UDR and FTP protocols.
- ✓ **Add I/O when you need it**
Compatible and scalable with a variety of process quality E2 and E3 I/O modules.



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General

Net Weight (g)	0.01
Packed Weight (g)	0.01
Operating Temperature °C Min	-40
Operating Temperature °C Max	70
Storage Temperature °C Min	-40
Storage Temperature °C Max	85
Relative Humidity	5% to 95% (Non Condensing)
Input Voltage (V)	10-30 VDC
RAM	512 MB for program execution, dynamic variables, dynamic file system, etc
Mounting	DIN rail mount (bracket included), Panel mount
Packaging Material	Cardboard
Warranty (years)	2

Identification and Status

Product ID	VT-MIPM-138-D
Country of Origin	United States of America (the)
HS Code	8517620000
Dual Usage	No
Export Control Classification Number (ECCN)	EAR99

Physical Features

Contains Battery	Yes
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Certifications and Standards

RoHS Compliant	No
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Certifications and Standards

CE	Yes
FCC	No
UKCA	Yes
UL	Yes
ATEX	Yes
DNV	No
KC	No
Vibration and Shock	Vibration: IEC 68-2-6