



CELLULAR GATEWAY SOLUTION FOR MACHINE MONITORING AND CONTROL



Data pulling every

10 sec

Inputs

34x

The Fortify™ CIM Global cellular connected VAPOR M4 provides cost effective plug and play remote monitoring and control for a variety of applications such as integration with legacy controllers, variable speed drives and PLC's plus a variety of sensors and transmitters.

The VAPOR M4 connects globally to the local cellular network, uploads GPS location and communicates directly to the Fortify™ CIM cloud.



Global cellular connectivity and GPS equipment location



Flow monitoring



Level measurement



Monitoring and control options for equipment optimization



SPECIFICATIONS

Communication

- 4G LTE with global coverage
 - Tri-Carrier (Verizon, AT&T & T-Mobile)
 - GPS
 - Modbus RTU, MODBUS-TCP
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Mounting & Dimensions

- DIN rail mounting for panel installs

Vapor M4

- 5.12" x 4.69" x 1.73"
- 130 x 100 x 40 mm

I/O Expansion Module

- 8.38" x 4.88" x 2.0"
 - 215 x 125 x 55 mm
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Standards

- FCC
 - RoHS
 - CE (optional)
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Operating Temperature

- Fahrenheit: -22 °F to 158 °F
- Celsius: -30 °C to 70 °C

Vapor M4 I/O Modem

- 4x digital inputs
- 8x analog inputs (4-20mA)
- RS 485
- TCP/IP

I/O Expansion Module

- 16x digital inputs
 - 8x analog inputs (4-20mA)
 - 6x relay inputs
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Equipment communication options (Modbus)

- VFD
 - PLC
 - Legacy controllers
 - Amp meters
 - Other Modbus enabled equipment
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Power requirements

- Voltage: 24 VDC
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User Interface

- Fortify™ CIM cloud via Internet browser
- Mobile apps: iOS and Android