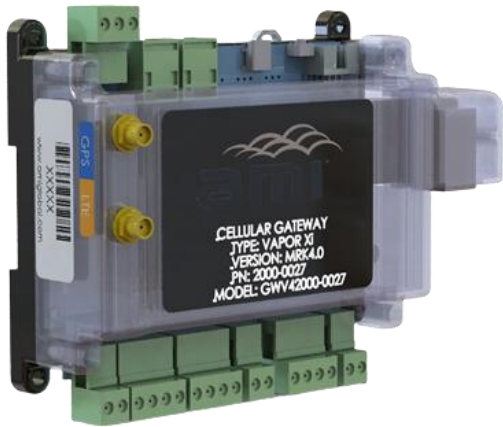


VAPOR M4

CELLULAR GATEWAY SOLUTION FOR MACHINE MONITORING AND CONTROL



The AMI 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 AMI Central™ cloud.

Data pulling every

10 sec

Inputs

12x



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
- BLE (optional)
- GPS
- Modbus RTU, MODBUS-TCP

Mounting & Dimensions

- DIN rail mounting for panel installs
- 5.12" x 4.69" x 1.73"
- 130 x 100 x 40 mm

Standards

- FCC
- RoHS
- CE (optional)

Operating Temperature

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

I/O

- 4x digital inputs
- 8x analog inputs (0-2.5V, 0-10V, 4-20mA)
- 1x relay output
- RS 485 and RS 232
- Ethernet

Equipment communication options (Modbus)

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

Power requirements

- Voltage: 9-24 VDC
- Current (@ 12 VDC):
 - Idle: 60mA
 - Data transmit (5-100 ms bursts): 200-300mA

User Interface

- AMI Central™ cloud via Internet browser
- Mobile AMI apps: iOS and Android