

VAPOR MARK 4

CELLULAR GATEWAY SOLUTION FOR MACHINE MONITORING AND CONTROL



The AMI Global cellular connected VAPOR MARK 4 provides cost effective plug and play remote monitoring and control for a variety of applications such as integration with controllers, variable speed drives and PLCs plus a variety of sensors and transmitters.

The VAPOR MARK 4 connects globally to the local cellular network, uploads GPS location and communicates directly to the AMI Central cloud. Additionally, the AMI Central Cloud communicates via mobile apps, SMS text messages and voice calls when an alarm is triggered.

Digital Inputs

4X

Analog Inputs

8x



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)
- GNSS
- Modbus RTU, Modbus TCP/IP

MOUNTING & DIMENSIONS

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

STANDARDS

- FCC
- RoHS
- CE (optional)

OPERATING TEMPERATURE

- -22° to + 158°F / -30° to + 70°C

PRIVATE LABELING OPTIONS AVAILABLE

- * New/custom housing configurations
- * New communication protocol
- * Private labeling; your brand on our cloud platform

I/O

- 4x digital inputs
- 8x analog inputs (0-2.5V, 0-10V, 4-20mA)
- 1x relay output
- RS-485 and RS-232
- RJ45 (ethernet port)

EQUIPMENT COMMUNICATION OPTIONS (MODBUS)

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

POWER REQUIREMENTS

- Voltage: 9-24 VDC
- Current (at 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

