Application Note // Monitoring Vibration with EpiSensor

ZIO-2X

IP67 Enclosure

Water and dust-proof polycarbonate enclosure

Dell Gateway 3002 with EpiSensor Software

- Cellular 3G / 4G modem
- ZigBee
- 2x Ethernet (with PoE)
- Wi-Fi

Ubuntu app store

Install apps for device management, additional communications protocols, edge analytics, etc.

Wireless Mesh

up to 100 nodes

ubuntucore

Sensor Interface

With DIN terminals, 24V power supply and 4-20mA output from vibration sensor.

Data Logging

Store up to 70,000 data points (2 years @ 15 min intervals) at the edge

NGR-30-5

Expand

Add any other EpiSensor nodes for monitoring Electricity, Pulse, 4-20mA, etc.

to Public / Private Cloud

Vibration Sensor

Compliant with vibration monitoring standard ISO 10816

Fused disconnect / circuit breaker

EPISENSOR

Remotely manage large networks of nodes from the operations centre

Live

Neutral

Supply Voltage: 65 - 265 VAC

EPI-062-00