

WIRELESS SOLUTIONS FOR THE FACTORY



WIRELESS VIBRATION SENSING SOLUTION

VIBRATION SENSOR (QM42VT1) & WIRELESS NODE (DX80N2Q45VT)

Monitor machine health to detect problems early to avoid machine damage and failure.

- Reduce downtime and plan maintenance more efficiently
- DIP-switch selectable thresholds provide local indication or send the signal wirelessly to a central location
- Send vibration and temperature data to the Gateway to monitor and trend over time
- Monitor motors, pumps, compressors, fans, blowers, gearboxes and many other types of machines

TL70 WIRELESS TOWER LIGHT

Wireless-enabled tower light available as modular segments or pre-assembled and customizable as needed.

- Big and bright 70 mm tower lights have two banks of LEDs
- Up to five colors plus audible module in one device
- Built-in wireless radio interfaces with standard Banner Gateways
- Two-way communication capabilities for a variety of applications



Q45 WIRELESS TEMPERATURE & HUMIDITY

Minimize material loss by monitoring temperature and humidity in climate-controlled areas.

- Humidity accuracy of $\pm 2\%$; temperature accuracy of $\pm 0.3\text{ }^{\circ}\text{C}$
- Robust metal housing
- Traceable to NIST standards; certificate of factory calibration included



Q45 BUTTON & LIGHT

Q45 Sensor with button and light as a wireless node with independently controlled push-button input and a two-color LED indicator light.

- Can be configured with DIP switches for either toggle or momentary operation
- Light outputs can be configured for solid or flashing operation
- Ideal for pick-to-light and call-for-parts applications



Q45RD WIRELESS SENSOR REMOTE DEVICE

Capable of interfacing with isolated dry contacts or PNP outputs with almost any digital sensor available.

- Interfaces directly with NAMUR inductive proximity sensors
- Battery life of up to three (3) or more years for one dry contact input
- Ideal for door monitoring and call-for-parts applications



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PM SERIES

AN I/O RADIO NETWORK WITH LONG RANGE LINE-OF-SIGHT COVERAGE THAT IS EASY TO SETUP.

No software needed to deploy and use.

- Menu driven LCD user interface
- Two I/O configurations and multiple I/O maps
- One Gateway is preconfigured to support up to six Nodes
- PM Kits include 1 Gateway and 1 Node, pre-bound and pre-mapped

SOLAR PANEL & CONTROLLER

Banner's line of solar panels makes it easier to get power wherever you need it, and can be used to power our full line of devices.

- 3 W, 5 W and 20 W options
- Rugged design to withstand high wind pressure, hail and snow load
- Nominal 12 V dc for standard output



PERFORMANCE TEMPERATURE & HUMIDITY SOLUTION

Can be built on either the Performance or the Modbus MultiHop platform.

- Humidity accuracy of $\pm 2\%$; temperature accuracy of $\pm 0.3\text{ }^{\circ}\text{C}$
- Traceable to NIST standards; certificate of factory calibration included
- D-Cell lithium battery provides up to 5 years of life



SURE CROSS® SERIAL DATA RADIOS

An industrial radio designed to extend the range of serial networks, combining long-distance coverage with ease of deployment, set up and use.

- Two models available: 900 MHz and 2.4 GHz
- Flexible: can be a master, slave or a repeater
- No software required for deployment



SURE CROSS® ETHERNET DATA RADIOS

Ethernet radios used to create point-to-multipoint wireless networks with long-distance coverage, ease of deployment, set up and use.

- Flexible: can be a master, slave or repeater
- No software required for deployment
- DXER9: Moves large amounts of data over short ranges

