

SmartProbe – USB Smart Sensor Connectivity Kit

What is a SmartProbe

- Sensor interface with integrated MEMS sensor technology
- Expanding family of devices that include:
 - Temperature, Barometric Pressure, Humidity, Dewpoint, Acceleration, Tilt, Vibration, Gas, Particle Measurement and others
- Provides uniform multi-sensor interface across all sensor types.
- Integrated Time Stamping of all measurements
- Integrated Data & Event Logging
- Integrated control and alarm outputs
- Low Power

Advantages of SmartProbe Technology

- Standard interface across all sensors
- Plug & Play – self identifying sensor type automatically recognized by network device.
- Low power operation for battery powered applications
- Data Assurance timestamping, data logging and measurement traceability
- Autonomous operation with integrated control and alarm outputs

SmartProbe – Modbus Smart Sensor Connectivity Kit



ZW-REC
Wireless Receiver



SmartEdge
Gateway

SmartProbe Device

- **DM12CAB-8-1** → M12 Interface cable
- **XW-ED** connects SmartProbe digital interface and transmits wirelessly to **ZW-REC** receiver
- **ZW-REC** supports up to 128 XW-ED transmitters