



INVOCON, INC

INNOVATION, INSPIRATION, IMAGINATION

Precision Instrumentation and
Communication Solutions for Unique
Applications and Extreme Environments

■ Wireless Vibration Data Acquisition



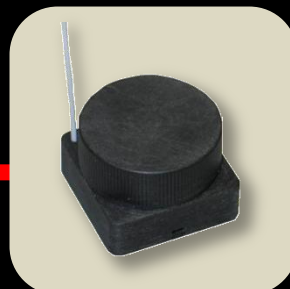
- 3 or 4 Primary Data Channels
- Up to 20 kHz per Channel
- Wireless Communication
- Smart Sensor
 - Built-in Algorithms
 - Programmable Triggering
 - Programmable Scheduling

■ Smart Battery

- Lithium Ion Polymer Technology
- High Density Energy Storage & Delivery
- Auto Charge/Discharge Management
- Direct Replacement of Older Batteries



■ Miniature Wireless Sensors



- Strain, Temperature, Pressure, etc.
- Programmable to 1 sps
- RF Communication to 100 ft.
- Records and Transmits Data

■ Invocon, Inc.

Innovative Concepts in Systems Engineering
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■ Fatigue Life Sensor

- Performs ASTM Rainflow Cycle Counting Algorithm
- Provides Answer, Not Just Raw Data
- Structural Monitoring Applications
- Battery Powered

■ Distributed Impact Detection System

- Ultra Low-Power Monitoring
- Fast Wake-up and Acquisition
- Wireless Communication
- Small Size and Weight



Invocon, Inc. has developed electronic systems with a broad scope of applications - from underground to space, from military to commercial, from simple data recording to complex analysis, and from large-scale systems to miniature systems.

■ Invocon Capabilities

- Precision Instrumentation System Design
- Electronics System Manufacture, Integration, and Testing
- Software Development
- RF Communication System Design
- Low-Power, Battery-Operated Electronics Design
- High-Speed Data Acquisition

