

Wireless Transmitter Specifications*

2 data acquisition channels

Transmits data from any of these sensor combinations

Two strain transducers

One strain transducer and one piezoresistive (PR) accelerometer

One strain transducer and one piezoelectric (PE) accelerometer

Two PR accelerometers

One PR accelerometer and one PE accelerometer

2 signal conditioning channels compatible with a strain transducer, PR accelerometer, or PE accelerometer connected to either channel

24-bit A/D converter with 2 channels at up to 20KHz sample rate per channel

1K, 2K, and 4K data record sizes available – user selectable

Data transmission

Via a standard radio protocol

Radio transmission range

100 m (328 ft)

Radio output frequency range

2.412 GHz to 2.497 GHz

Output power

14 dBm

Ultra-Low Power IEEE 801.11b/g/n compliant.

Low power processor and built-in 3.7 V battery; maximum 8.5 hours time during constant data acquisition

Size

175 x 90 x 20.7 mm (6.9 x 3.5 x 0.8 in)

Weight

0.63 Kg (1.4 lbs.)

Temperature range

Operating 0° to 40° C (32° to 104° F); Storage -20° to 65° C (-4° to 149° F)

*For use with Smart Accelerometers and Strain Transducers and PDA model 8G

