



Pile Dynamics, Inc.  
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## Technical Specifications

### PR Wireless Transmitter Specifications\*

- 1 channel of strain data acquisition
- 1 channel of PR acceleration data acquisition
- 24-bit A-to-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 Bluetooth radios

#### Radio transmission range

- 100m (328 ft)
- Low power processor for extended run time
- The box is equipped with a 3.7 Volt Battery, 8.5 hours maximum duration

#### Size

180 x 92 x 25.4 mm (71 x 36 x 10 in)

#### Weight

0.45 Kg (1lbs)

#### Temperature range

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



\*For Strain Transducers and Piezoresistive (PR) Accelerometers