Technical Specification Sheet

Wireless Shot Detection System

The Wireless Shot Detection System (WSDS) enables the user to wirelessly monitor and record vibrations of the well induced by explosive charges detonating in a downhole environment. The WSDS allows the user to secure the transmitter at the wellhead with a magnetic base and monitor and record data simultaneously up to 400 feet away using intrinsically safe broadband wireless telemetry. The receiver digitally stores the data on a USB drive, provides a real-time audio output, and a dedicated line output for interfacing with a PC to view the audio waveform in real-time.

Case Dimensions

Length	9.66 in (245.36 mm)
Width	10.62 in (269.75 mm)
Height	4.87 in (123.7 mm)
Weight	6.5 lb (3.0 kg)

Transmitter Dimensions

Length	5.25 in (133.35 mm)
Width	3.00 in (76.2 mm)
Height	4.13 in (104.90 mm)

Electrical Specifications

Frequency Response	10 Hz - 2500 Hz
Receiver Power	3.7 V rechargeable Li-Ion battery
Transmitter Power	3 “AA” batteries

Accessories Included

Wall power supply
3.5 mm male to male audio cable
USB flash drive
Two directional antennas

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