



Description

Owen’s Digital Shot Detection System (DSDS) enables the user to monitor downhole acoustics on the tubular. The system is particularly well suited for monitoring the firing of **Tubing Conveyed Perforating Guns**.

Owen’s DSDS offers state of the art technology to process and record the acoustic data. The data is stored using a **portable** recorder. The signal can be monitored and recorded simultaneously. The recorded signal can also be digitally stored.

Specifications

H4 Digital Recorder	
Recording Technology	4 Track or Stereo
Monitoring	Record while monitoring or monitor on standby.
Maximum Recording Length	1 Hour on Battery Power at max sampling.
Sampling Frequency	16,000 Hz (-0.5dB)
Frequency response	44.1 KHz
Recorder Weight	.42 Lbs, (190 grams).
Recorder Dimensions	2.8 X 6.2 X 1.4
Power	2 AA 1.5V Batteries or 110 Power Adapters.
Editing and Copying	Edit with Cubase LE, PC Version, burn CD-R Files.
Accessory Memory	1 or 2 GB SD memory card

Microphone, (lavaliere type)	
Frequency response	40-20,000Hz
Microphone Weight	.1 oz, (2.8 grams)
Microphone Dimensions	.98 Long X .39 Diameter
Power Module weight	5.2 oz, (147 grams)
Power Module Dimensions	3.27 H X 2.48 W X .87 D
Power or Phantom Power	1 AA 1.5V /UM3 Battery; or – 9-52V DC 2mA TYP
Connection Type	Integral 3-pin XLR Type

Carrying Case	
Size	20 in. X 14 in. X 8 in.