

# Digital Shot Detection System (DSDS)



## Description

The Owen 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

SPECIFICATIONS: H4N PRO DIGITAL RECORDER	
Recording Technology	4 Track or Stereo
Monitoring	Record while monitoring or monitor on standby
Maximum Recording Length	6 Hours on Battery Power at max sampling
Sampling Frequency	44.1 KHz
Frequency Response	100-18,000 Hz
Recorder Weight	0.65 lbs (294 grams)
Recorder Dimensions	2.9 (W) X 6.2 (D) X 1.5 (H) in
Power	2 AA 1.5V Batteries or 110 Power Adapters
Editing and Copying	Edit with Cubase LE4, PC Version, burn CD-R Files
Accessory Memory	up to 32 GB SDHC

MINIATURE CARDIOID CONDENSER MICROPHONE (LAVALIERE TYPE)	
Frequency Response	40-18,000 Hz
Microphone Weight	0.1 oz (2.8 grams)
Microphone Dimensions	0.98 Long X 0.40 Diameter
Power Module Weight	4.9 oz (139 grams)
Power Module Dimensions	3.31 (H) X 2.48 (W) X 0.87 (D) in
Power or Phantom Power	1 AA 1.5V /UM3 Batter; or 11-52V DC 2mA TYP
Connection Type	Integral 3-pin XLR Type

CARRYING CASE	
Size	20 (W) x 14 (D) x 8 (H) in