

## DataView

Construction	High impact thermoplastic weatherproof to NEMA 3R and IP54 (base to top of main housing to IP67).
Ruggedness	Withstands 1 m (3 ft) drops onto concrete.
Dimensions	200 x 150 x 100
Weight	1kg (2.2lb)
Backlight	Switchable Backlight
LEDs	LEDs display left/right indication when set in Remote mode.
Batteries	4 x 'C' cells
Battery Life	40 hrs (without use of backlight)
External input	12 - 15V DC / 200mA
Visual Indication	Liquid Crystal display indication the following on various screens DataSonde Roll Position                      DataSonde Tilt Angle DataSonde Depth                                DataSonde Battery Status DataSonde Temperature                      DataView Battery Status Depth display available when information transferred from Receiver.
Range	500m line of sight.

## Borelogger

Storage capacity	>2000 data points, rolling store
Data storage	Non volatile memory, > 10 years retention
Real time clock	Set to GMT
Clock battery backup	Lithium battery, >10 years
System compatibility	Vermeer Atlas Boreplanner™ Radiodetection BoreLog Software

## DataSonde

### Short Range DataSonde (SDS)

Approximate Signal range	4m (13 ft)
Frequency	32.768 KHz
Battery life	10 hrs
Size	25,4 x 203 mm (1 x 8 in)
Roll	12 segments (30° per segment)
Pitch Range	? 45° (100% grade)
Pitch Resolution	0.5° (0.5% of grade)
Ptch Accuracy	Over temperature range 0- 25 °C +/- 1° 0 to 25° (50% grade) +/- 2° 25 to 45° (50-100% grade)

## Precision Dual Frequency (PDF)

Approximate Signal range	15m (49 ft) Battery	35m (100ft) Wireline
Frequency	8.4 kHz and 33.725 kHz	
Battery life	15 hrs (Can also be powered using Wireline)	
Size	32mm x 380mm (1.3" x 15")	
Roll	16 segments (22.5° per segment)	
Pitch range	+/- 45° (100% grade)	
Pitch resolution	0.1° (0.1% grade)	
Pitch accuracy	Over temperature range 0- 50 °C	
	+/- 0.2° 0 to 30° (0 - 58% grade)	
	+/- 0.5° 30 to 45° (18 - 100% grade)	

## Rechargeable Battery System

Weight	0.5 kg (1 .1 lb)	
Dimensions	Battery holder	200 x 200 x 100 mm (8 x 8 x 4 in.)
	Battery charger	100 x 60 x 50 mm (4 x 2 x 2in.)
Battery pack	2 sets of 3 C cell sticks 50 mm x diameter 2.5 cm (4 in. x 2 in. diameter)	
Charger	12 V DC mains 2-3 hour fast charger	
Batteries	NiMH rechargeable sticks of 2x C cell Typical capacity 2400 mAh Typical operating life 400 charge cycles	
Operating time	5-7 hours at 68°F (20°C)	

## Wireline Control Unit

Weight	0.75 kg (1 .5 lb)
Dimensions	200 x 120 x 50 mm (8 x 5 x 3 in.)
Input Voltage	12 - 24 V DC / 3A
Output Voltage	28V DC / 1A

## Support Stand

Weight	0.5 kg (1 .1 lb)
Telescopic length	510 - 680 mm (20 - 27in)

