

WET Labs' device for complex sensor integration and data logging is the DH4. The DH4 provides for the simultaneous collection, storage, and merging of digital data from up to eight instruments in both profile and moored modes. Additionally, data from any of the instruments may be viewed in real-time through its own host software while data is being collected and stored for others. The DH4 supports a variety of serial-interface instruments. Upon request, up to 7 channels of analog input can also be provided.

The DH4 ships with Windows[™]-based software that allows for DH-4 configuration, control, data downloading, and data processing.



Specifications

Mechanical		Data	
Size	17.8 x 10.4 cm	Serial data input	1–8 ports, RS-232
Pressure housing	Acetal copolymer	Analog input	0–5 V
Weight in air	1.8 kg (500 m unit)	Analog input resolution	12 bit A/D
Weight in water	0.3 kg (500 m unit)	Baud rates	600–115.2K
Weight in air	2.6 kg (5000 m unit)	Data transfer	Binary
Weight in water	1 kg (5000 m unit)	Memory	256 Mb (min.)
Electrical		Environmental	
Input	7–18 VDC	Temperature range	0–30 deg C
Current draw	50 mA	Rated depth	500 m (std)
Sleep	70 µAmp (Max)		
Max power	3 Amp @ input voltage		
Sample rate	6 scans/sec., nominal		
Host interfaces	RS-232, -422		

Specifications are subject to change without notice.