

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	
<i>Size</i>	17.8 x 10.4 cm	<i>Serial data input</i>	1–8 ports, RS-232
<i>Pressure housing</i>	Acetal copolymer	<i>Analog input</i>	0–5 V
<i>Weight in air</i>	1.8 kg (500 m unit)	<i>Analog input resolution</i>	12 bit A/D
<i>Weight in water</i>	0.3 kg (500 m unit)	<i>Baud rates</i>	600–115.2K
<i>Weight in air</i>	2.6 kg (5000 m unit)	<i>Data transfer</i>	Binary
<i>Weight in water</i>	1 kg (5000 m unit)	<i>Memory</i>	256 Mb (min.)
Electrical		Environmental	
<i>Input</i>	7–18 VDC	<i>Temperature range</i>	0–30 deg C
<i>Current draw</i>	0.6 watts @ 12V nominal	<i>Rated depth</i>	500 m (std)
<i>Sleep</i>	70 µAmp (Max)		
<i>Max power</i>	3 Amp @ input voltage		
<i>Sample rate</i>	6 scans/sec., nominal		
<i>Host interfaces</i>	RS-232, -422		

Specifications are subject to change without notice.