



Benefits

Specifications

Technical Attributes



HYDROLAB HL4 Sonde, Temperature, Other Integrated Sensors

Product Number: HL4TANOBATT

Number of Analog Ports

4

Battery?

 No Yes

Price: Contact Us

The HYDROLAB HL4 is perfectly suited for spot monitoring or continuous deployments in a wide range of freshwater applications. Lightweight, portable and flexible, this multi-parameter sonde helps you quickly monitor watershed conditions. The field proven sensor options coupled with the robust construction and easy calibration delivers high quality reliable data. The HL4 sonde has a temperature sensor, four sensor ports and an optional internal depth sensor. The software allows for easy data retrieval and setup of logging files.

Ease of portability between sites and installation

The sonde's lightweight and compact design readily accesses difficult locations and fits inside protective housing -2" wells. Its durable design provides long term usage for a variety of applications.

Perfect for spot monitoring and short-term monitoring studies

Includes an internal memory of 4GB for logging data plus an optional internal battery pack, and flexible for many applications.

Easy to use instrument management and control software

Has guided calibration tasks and instructions, plus real time measurements in graphical and tabular formats.

Battery Life	75 days
Communication	Communications module: USB, SDI-12, RS232 Modbus, RS485 Modbus and RS232 TTY
Dimensions	Ø 1.75 in (Ø 4.44 cm) without rubber bumpers Ø 2.1 in (5.33 cm) with rubber bumpers Length: 20.25 in (51.43 cm) with standard sensor guard
Measuring Range Depth	656 ft (200 m) minimum

Memory	4GB
Number of Analog Ports	4
Operating Temperature Range	23 - +122 °F , non-freezing
Power Supply	6 - 24 VDC (12 VDC nominal) applied to the communications module, 12 VDC: 250 mW average, 18 W peak
Sample Rate	1 Hz minimum, (once per second)
Sensor Ports	6 sensor ports available 2 fixed sensor ports for temperature and optional depth sensor only 4 ports for integrating other sensor options Parameters available depends on sensor installed Maximum of 2 ports available for optical dissolved oxygen and another optical sensor
Standard storage temperature	34 - +122 °F (1 - +50 °C)
Weight	4.6 lb (2.1 kg)
