

## DVL A50

SKU: WL-DVL-A50

DVL A50 er den minste DVLen på markedet med en ypperlig ytelse. Denne sensoren gir deg hastighetsmålinger relativ til havbunnen med en rekkevidde på opptil 50 meter. Med Blueye Smart Connector er denne sensoren også fullt integrert med Blueye systemet og ingen ekstra konfigurasjon er nødvendig. Vi har gjort alt arbeidet for deg.

**Leverandør:** Water Linked



### TEKNISK SPESIFIKASJON

#### Acoustic performance

<b>Transducer frequency</b>	1 MHz
<b>Transducer setup</b>	4-beam convex Janus array
<b>Transducer beam angle</b>	22.5 degrees
<b>Ping rate</b>	4 - 15 Hz (adaptive to altitude)
<b>Sensor assists</b>	Integrated AHRS
<b>Min altitude</b>	5 cm
<b>Max altitude</b>	50 meters (>35 m is dependent on seabed conditions, salinity levels, etc.)
<b>Max velocity</b>	3.75 m/s
<b>Velocity resolution</b>	0.1 mm/s
<b>Long term accuracy</b>	±1.01 % (Standard version), ±0.1 % (Performance version)

#### Electrical interface

<b>Input voltage</b>	10 - 30 Vdc
<b>Power consumption</b>	3 W

**Power-on current surge** 15 W

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**Physical interface** 3-m cable with interface module, 8 wires,  
(Power / Ethernet / Serial)

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**Indicator** Status LED (Power, Lock)

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**Communication** Ethernet & Serial (UART 115200 baud)

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**Protocols** Water Linked API

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## ***Mechanical***

**Diameter** 66 mm

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**Height** 25 mm

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**Weight in air** 0.17 kg

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**Weight in water** 0.105 kg

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**Depth rating** 300 meters

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**Material** PEEK (housing), Stainless Steel 316 (backplate)

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**Operating temperature** -5 to 55 °C

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## ***Approvals***

**Certificates** CE

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