

IVM DIVER KIT

PHOTOGRAMMETRY DIVER KIT FOR
SHALLOW WATER



The IVM Diver kit allows you to add photogrammetry to your shallow water inspections, **down to 100 m**, without the use of a ROV. This photogrammetry diver kit increases efficiency in complex environments and enhances flexibility on site, thanks to fast deployment and minimal logistical requirements. An **adjustable built-in monitor** provides the diver with **instant feedback via IVM SLAM, IVM Supervisor**, and a messaging feature to stay connected with the topside team. Its cost-efficiency, driven by easy mobilization, allows you to integrate photogrammetry into existing diving operations without changing your plans. Additionally, we adapted it for divers by keeping a **continuous lighting**, and increasing its power to ensure smooth and powerful illumination throughout the inspection.

Based on the Hydro 100, the IVM Diver Kit features a dedicated frame that can be easily mounted or removed depending of your use case. **A single Hydro can now be deployed on a ROV or used by divers**, adapting to your operational needs with the same equipment.



SPECIFICATIONS

Mechanical & Environment

Dimensions	348 x 292 x 355 mm
Operating depth	100 msw
Operating ambient temperature	0 to 30°C
Weight (air / water)	8.8 / 1 kg (with camera & lights)
Material (frame)	Nylon

Diver console

Material	Hard Anodized Aluminium
Connectors	BlueTrail Cobalt
Voltage requirement	100-230VAC
Power requirement	250W
Monitor	7" color display 1024x600 IPS Adjustable orientation 0-150°
Tether	100 m included – custom lengths available

Lighting

Continuous output	50 000 lumens
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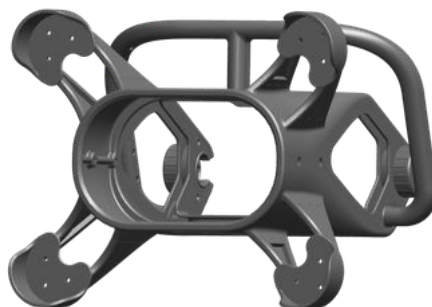
IVM Equipment compatibility

Products	Hydro 100
IVM SLAM	Yes

[↪ For camera specifications, see the Hydro 100 spec sheet.](#)



Diver console



Frame



Kit assembled with
Hydro 100 camera



At IVM Technologies we develop, design and build 3D reconstruction solutions using high accuracy underwater photogrammetry technology. Our offering goes beyond cameras, we provide components needed to assemble a customized kit tailored to your operations and equipment. To better serve our clients, we have also developed a comprehensive service offering around our products, helping them save time, reduce costs, and gain unmatched insights into their subsea assets.



 www.ivm-technologies.com

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