

## IVM Series – HYDRO 100

Subsea Photogrammetry - 3D reconstruction



### 3D Reconstruction Solution for shallow waters 100m rated

- Designed for small observation class ROVs
- Submillimetric accuracy
- Moderate turbidity compatible
- Inland and coastal waters
- Damage assessment
- Asset overview
- Decommissioning planning
- Seabed inspection
- UXO identification surveys

**Reveal the hidden and bring your asset to life**

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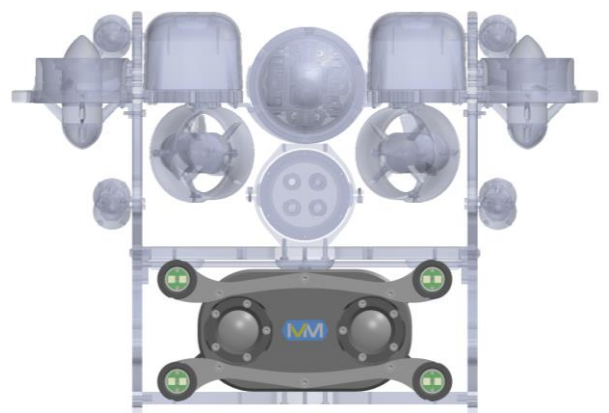
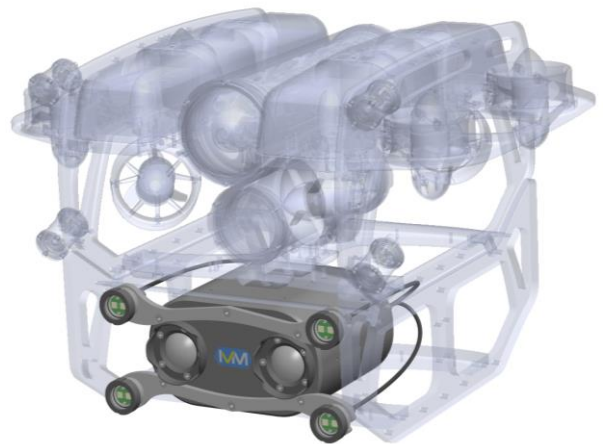
Now available for **small observation class ROVs**, the hydro Series welcomes the HYDRO 100, especially **designed for battery operated** vehicles with **regular ethernet connections**.

With the objective of bringing subsea photogrammetry in reach of everyone, we put a lot of efforts in engineering a **cost effective** and **easy to use** solution while taking no shortcut.

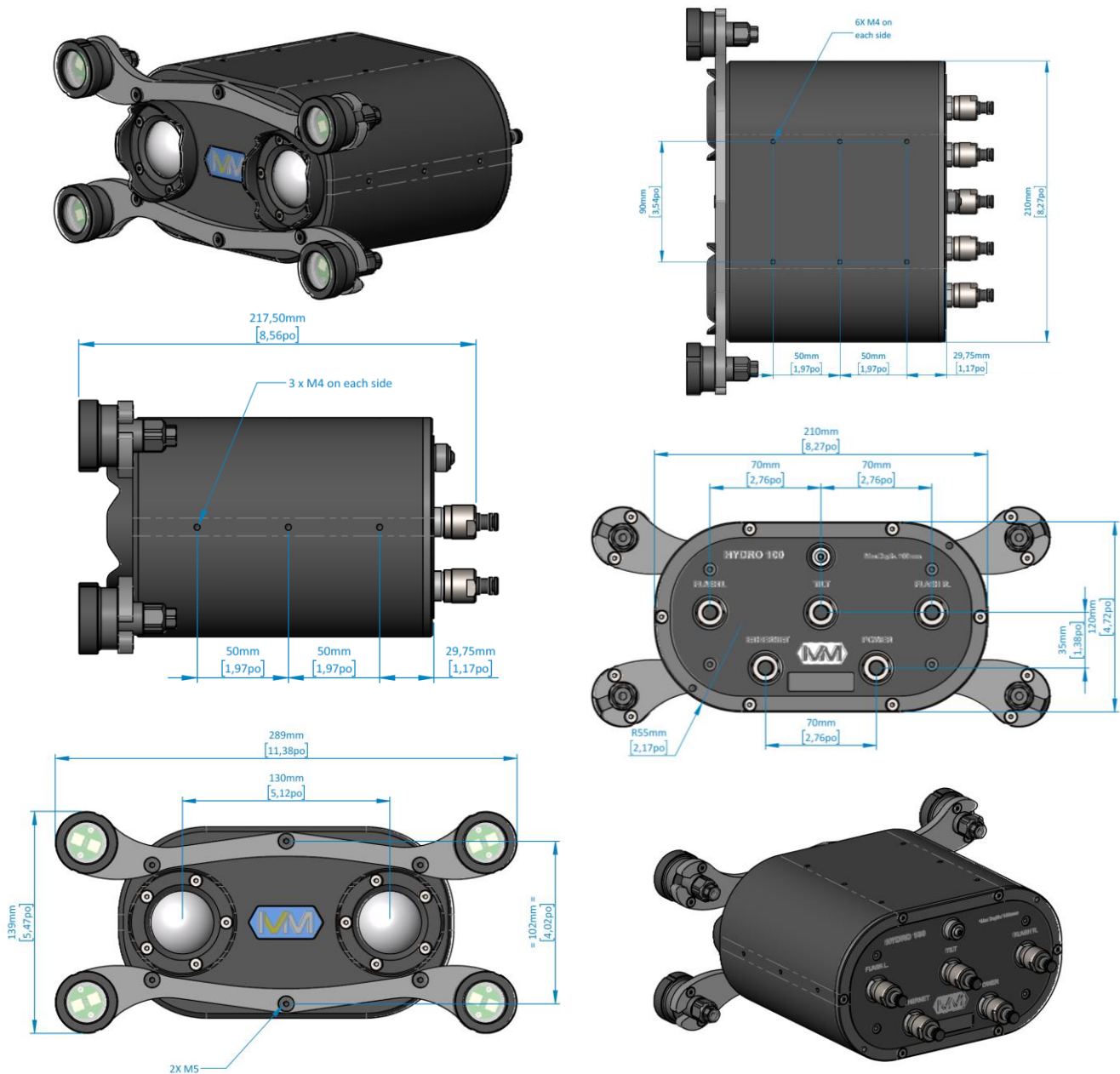
All units from the IVM Series, such as the HYDRO 100, can be operated by any competent **subsea surveyor**. No longer do you have to hire an “expert” to attain high accuracy models.

The system **is extremely compact, light-weight** and fits perfectly for **small Observation Class ROVs**, but it can be installed on all other types of ROV. With **integrated LED lighting**, the scene is perfectly illuminated to maximise results. Due to its size, the HYDRO 100 **can be hand carried** for rapid response jobs.

L x W x H	218 x 290 x 140 mm
Weight air	4,1 kg
Weight water	0,1 kg (heavy)
Material (main body)	Aluminium
Power	9-36VDC 100W
Data	100 Mbps / 1 Gbps
Max depth (m)	100
ROV	Small Obs class
Resolution	2x 5M Pixel
Field of view (V / H)	61°/82°
Lighting (Lumen)	35 000
Embedded storage	2Tb



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**Contact us for more information**

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