

# DATA SHEET

# TMI-Orion

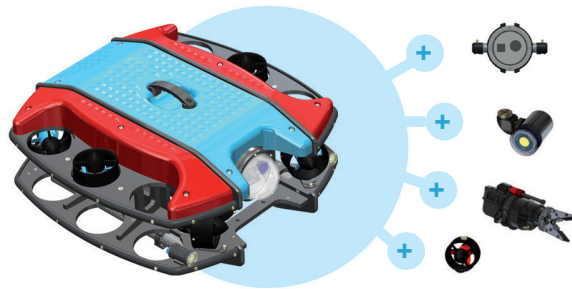
## GoPro® Camera Case Module



### Underwater module for 4K video recording for movies or inspection

The GoPro® Camera Case underwater module embeds a GoPro® type Hero 8® with recording capability. This module features a 4K image quality in a small size housing.

- General underwater inspection,
- Diving applications,
- ROV systems,
- Turbid water operations,
- Aquaculture inspection,
- Geosciences...



*The GoPro® Camera Case module can be added to the S-ROV.*

## SPECIAL FEATURES

- 4K video recording on MicroSDXC SD card,
- Settings, start recording and reading are made at the surface with Wi-Fi communication from smartphone or computer,
- Possible connection to other TMI-Orion modules,
- Compact housing,
- Autonomous use without connection with rechargeable battery, or connection to power,
- Adjustable fixing collar,
- Easy maintenance and upgrade,
- Reliable and rugged.



## TECHNICAL SPECIFICATIONS

<b>Mechanical</b>	<b>Material</b>	Stainless steel 316L and sapphire optical disc
	<b>Depth rating</b>	1000 m
	<b>Dimensions</b>	D. 100 mm x l. 104 mm (with free connectors: 140 mm)
	<b>Weight</b>	2.5 kg in air 1.6 in fresh water
	<b>Operating temperature</b>	From 10°C to 35°C
	<b>Storage temperature</b>	From -10°C to +65°C
<b>Optical</b>	<b>Sensitivity</b>	ISO 100, ISO 200, ISO 400, ISO 800, ISO 1600, ISO 3200, ISO 6400
	<b>Video format</b>	4K60/30/24fps, 2.7K 120/60/30/24fps and 1080p 240/120/60/30/24fps video recording, Wide/SuperView/Linear lens, option like Auto Low Light
<b>Electrical</b>	<b>Power supply</b>	9 to 36 Vdc – 5W (charge battery or normal use)
	<b>In &amp; out connectors</b>	SubConn MCBH8MSS & MCBH8FSS

## SOFTWARE AND RELATED PRODUCTS

### Monitoring software

Remote wireless control of the camera through the enclosure is done with the GoPro® app.

The app lets you have a control of the camera with the real time video.

It provides full remote control of the camera functions for camera settings, start and stop recording and download the videos.

### Other products

The GoPro® Camera Case module can equip the S-ROV or the Electrical Manipulator Arm. Please visit our website for more information.



GoPro® Camera Case Module

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