



**OSIL**

Environmental Instruments  
and Systems

# SUBSEA CAMERA

*An innovative new camera system designed to be mounted to deep sea sediment corers.*

## Self-Contained

The self-contained system allows users to record the corer deployment and review the footage on recovery of the corer to check the system has deployed correctly, aid analysis of the sample and re-deployment of the corer, and offer a view of the sediment itself prior to, during penetration and immediately post-retrieval from the sediment.

## Programmable

The camera is attached to the corer and can be programmed at the surface to turn on and begin recording at a specific depth (i.e. deployment depth or just before) via a pressure switch, and records until retrieved to the same depth, meaning users do not have to review hours of wasted footage. Data is recorded onto a standard 32Gb Micro SD memory card (other sizes are available).

### Features

- Ruggedised Anodised Aluminium Housing rated to 6000m
- Dimmable lights
- Self-Contained System
- Programmable Start Depth
- Rechargeable LiPo Batteries
- Standard Micro SD Memory Card
- Compact & Lightweight



**FOR FURTHER INFORMATION PLEASE CONTACT:**

OSIL, Culkin House, C7/8 Endeavour Business Park, Penner Road, Havant, Hampshire PO9 1QN

T: +44 (0) 2392 488240 E: [osil@osil.com](mailto:osil@osil.com) W: [www.osil.com](http://www.osil.com)



**OSIL**

Environmental Instruments  
and Systems

# SUBSEA CAMERA

## Rechargeable

The system is equipped with an internal power pack that enables recording on repeated deployments to obtain up to an hour of footage. Recharging and data transfer takes place via an external connector.

## Dimmable lights

*The camera is equipped with a ring of 18 LED lights with variable intensity to allow adjustments to be made for visibility. The standard housing is rated to 6000m, but systems for shallower use are also available.*

## Specifications

|                         |   |
|-------------------------|---|
| Video Resolution        | 1080p (full HD video)<br>3 megapixels                 |
| Frames per Second (fps) | 30  |
| Field of View (FOV)     | Ultra Wide, Medium                                    |
| Video Format            | H.264 codec, .mp4 file format                         |
| Luminous Flux           | 2340 Lumens   |
| Physical                | Length 300mm<br>Diameter 115mm<br>Weight in air 4500g |
| Memory                  | Micro SD Card (32Gb) as standard                      |
| Battery                 | LiPo (Lithium Polymer)                                |



**FOR FURTHER INFORMATION PLEASE CONTACT:**

OSIL, Culkin House, C7/8 Endeavour Business Park, Penner Road, Havant, Hampshire PO9 1QN

T: +44 (0) 2392 488240 F: +44 (0) 2392 488241 E: [osil@osil.com](mailto:osil@osil.com) W: [www.osil.com](http://www.osil.com)