

The **OceanCAM-CC** range of ultra-compact subsea cameras achieve high performance in low light level conditions, with low power consumption and depth ratings from 1000m to 6000m.



## Overview

The *cost-effective* **OceanCAM-CC** cameras have been designed to be as rugged and durable as possible and are therefore suited to a wide range of underwater applications including:

- Tooling cameras
- Manipulator cameras
- Cutting systems
- Diver helmet mounting

Depending on the depth rating, the compact **OceanCAM-CC** cameras are manufactured from either Delrin or titanium and have a sapphire glass viewport as standard.

## Key Features

- Standard depth ratings 1000m and 6000m
- High sensitivity CCD for low light operation
- Automatic electronic shutter and gain control
- Low power consumption

|                                | OceanCAM-CC-1K          | OceanCAM-CC-6K |
|--------------------------------|-------------------------|----------------|
| <b>Length (excl connector)</b> | 130mm                   |                |
| <b>Diameter</b>                | 30mm                    |                |
| <b>Material</b>                | Acetal/Delrin           | Titanium       |
| <b>Weight in air</b>           | 110g                    | 290g           |
| <b>Weight in water</b>         | 15g                     | 195g           |
| <b>Depth rating</b>            | 1000m                   | 6000m          |
| <b>Input voltage</b>           | 9–30VDC                 |                |
| <b>Operational current</b>     | 67mA @ 12VDC            |                |
| <b>Connector</b>               | Subconn MCBH4M          |                |
| <b>Operating temperature</b>   | -20°C to +50°C          |                |
| <b>Sensor type</b>             | 1/3" Sony CCD           |                |
| <b>Standard lens</b>           | 3.6mm                   |                |
| <b>Window type</b>             | Sapphire glass          |                |
| <b>Minimum illumination</b>    | 0.001 Lux/F1.2          |                |
| <b>Resolution</b>              | 650 TVL PAL : 725 x 582 |                |
| <b>Output</b>                  | 1V p-p 75 ohm           |                |
| <b>S/N ratio</b>               | ≥ 52dB                  |                |