



## LUXUS Compact Camera



The LUXUS Compact Camera is ideal for use in diving and light ROV applications. This light sensitive camera has a fixed focal length which can be factory adjusted to capture images at very close range. It can be equipped with different lenses for various angles of view.

The camera consumes just 2 W and can handle DC power units from 12 to 24 VDC.

It is the most compact camera in the LUXUS range and designed to function perfectly in combination with the LUXUS Compact LED and LUXUS Compact Media Controller.

The camera housing is made from sandblasted titanium and has a depth rating of 4000 metres.

### Features and benefits

- Lightweight
- Compact
- 4000 m depth rating

### Applications

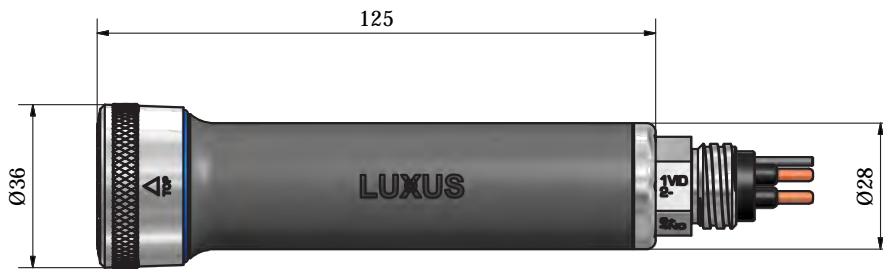
- General underwater inspection
- Diving applications
- ROV systems
- Trencher systems
- Crawler systems
- Tow and drop camera systems
- Benthic sled systems
- Underwater observatory systems
- Winch and deck monitoring

### Options

- A range of lenses
- Alternative connectors
- Custom wiring
- NTSC or PAL
- LUXUS helmet mounting bracket
- LUXUS universal mounting bracket
- LUXUS pistol grip bracket
- LUXUS dovetail bracket

For pricing or any further information, please contact Omni Instruments Ltd.

# Specifications



## Electrical

Power supply: 12 - 24 VDC  
 Power consumption: 2 W  
 Output: Video Composite 1 Vpp  
 Signal to noise ratio: >52 dB  
 Standard wiring:

1 Video hot  
 2 Power Gnd/screen  
 3 Power +  
 4 NC

## Mechanical

Material: Titanium  
 Standard connector: SubConn® MCBH4M Ti  
 Other connectors: On request  
 Dimensions: See drawing (mm)  
 Weight: 280 g in air  
 190 g in water  
 Window/Lens: Borosilicate glass

## Optical

Sensor: 1/3" ex view HAD CCD  
 Angle of view (horizontal):  
 Air: Standard 120°  
 Water: Standard 90°  
 (Other angles optional)  
 Sensitivity: 0.1 lux  
 Min focus distance: 10 cm  
 Zoom: No  
 Iris: No  
 Focus: No  
 TV lines: 650

## Environmental

Depth rating: 4000 m  
 Test pressure: 600 bar  
 Test pressure FAT: 100 bar  
 Storage temperature: -30 to +70 °C  
 Operating temperature: -10 to +50 °C

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