

# 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 supplies 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 and polished titanium and has a depth rating of 4,000 metres.

## Features and benefits

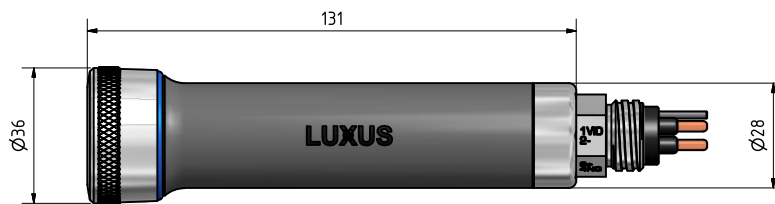
- Lightweight
- Compact
- 4,000 m depth rating

## Applications

- General underwater inspection
- Diving applications
- ROV systems
- Trencher systems
- Crawler systems
- Tow and drop camera systems
- Benthic sledge 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



LUXUS  
cameras

Data Acquisition

## 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) (1 mm = 0.03937 inch)
Weight:	280 g in air 190 g in water

Window/Lens: Borosilicate glass

### Optical

Sensor:	2/3" Sony CMOS
Angle of view (horizontal):	
Air:	80° or (67°)*
Water:	65° or (54°)*
Sensitivity:	0.1 lux
Min. focus distance:	10 cm
TV lines:	1000

### Environmental

Depth rating:	4,000 m
Test pressure:	600 bar
Storage temperature:	-30 to +70 °C
Operating temperature:	-10 to +50 °C

\*optional