LUXUS Compact IP Camera

The LUXUS Compact IP Camera introduces IP capabilities, enabling direct network connection for remote viewing and management. Its compact design is perfect for space-constrained applications, and its flexibility makes it ideal for a broad range of users, including divers, civil engineers, and ROV and mounted template operators.

The camera is powered by a 15-28 VDC supply and consumes only 3.5 W, making it energy-efficient for prolonged use.

The camera features a 1/2.8” Progressive Scan SONY STARVIS CMOS sensor, providing a resolution of 1920x1080 at 25fps (2MP). The camera’s minimum illumination is 0.05 Lux, ensuring high-quality imaging even in low-light conditions.

The standard Subconn® Micro connector ensures compatibility with existing systems. Other connectivity options on request.

This light-sensitive camera has a fixed focal length that can be factory-adjusted to capture close-range images. It can be equipped with different lenses for various angles of view.

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
- IP capabilities

Options

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

Specifications

Electrical

Power supply:	15-28 VDC
Power consumption:	3.5 W
Output:	TCP/IP, UDP, HTTPS, RTSP
Resolution:	1920 x 1080 @25fps (2MP)
Dynamic range:	2D, 3D DNR
Control options:	ONVIF (S)
Standard wiring:	1 power DC- 2 Eth RX + 3 power DC + 4 Eth RX - 5 Eth TX - 6 Eth TX +

Mechanical

Material:	Titanium
Standard connector:	SubConn® Connector MCBH6M TI
Other connectors:	On request
Dimensions:	See drawing (mm)
Weight:	350 g in air 215 g in water
Window/Lens:	Borosilicate glass

Optical

Sensor:	1/2.8” Progressive Scan SONY STARVIS CMOS
Compression:	H.264/MJPEG
Angle of view (horizontal):	
Air:	95.0°
Water:	72.0°
Focus length:	>0.5m (F2.0)
Gain:	Fully automatic or manual
Exposure:	Fully automatic or manual
Min. illumination:	0.05 lux

Environmental

Depth rating:	4,000 m
Test pressure:	600 bar
Storage temperature:	-50 to +80 °C
Operating temperature:	-30 to +40 °C

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