

CT3027 IP HD Colour Camera

Technical Specification

Model	CT3027
Housing	Titanium (Standard)*
Window	Sapphire
Depth Rating	6000 m
Housing Dimensions**	154 mm (L) × 34 mm (Body Diameter) / 40 mm (Bezel Diameter)
Weight	483 g (air)
Connector	MCBH6MSS (Standard)
Voltage	12–24 VDC
Angle of View	92° (in air)
Lens	3.6 mm fixed
Sensor	1/2.8 inch 2.13 M STARVIS CMOS
Minimum Illumination	0.005 lux / f1.2
Operating Temperature	-20°C to +50°C
Operating Life	50,000 hours
Operating Current	130 mA
Signal to Noise Ratio	>52 dB
Video Output	1920 x 1080 at 30 fps IP HD
Resolution	1080p
Latency	~200 ms

**Alternative housing materials available on request*

***Excluding connector*



Order Code: CT3027-TI

High-definition subsea colour camera with IP output for inspection and integration

The CT3027 is a high-definition subsea colour camera designed to deliver clear and reliable imaging across a range of underwater applications.

Built around a 1/2.8 inch 2.13 MP STARVIS CMOS sensor, the system provides strong low-light performance and full HD video output.

Measuring just 154 mm in length (excluding connector) with a 34 mm body diameter and a 40 mm bezel diameter, its compact and robust titanium housing makes it well suited for integration onto ROV systems, diver helmets, and deployment within diving bells.

Designed for flexibility and ease of integration, the camera offers consistent image quality in demanding subsea environments.

Applications: ROV, Survey, Marine scientific, Commercial diving

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