

CT3027WA Wide Angle HD Colour Camera



Technical Specification

Model	CT3027WA
Housing	Titanium (Standard)*
Window	Optical grade cast acrylic
Depth Rating	6000 m
Housing Dimensions**	153 mm (L) × 34 mm (Body Diameter) / 57 mm (Head Diameter)
Weight	243 g (water) / 410 g (air)
Connector	MCBH6MSS (Standard)
Voltage	12–24 VDC
Angle of View	170° (in water)
Lens	Fisheye
Sensor	1/2 inch 2.13 MP 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
Resolution	1080p
Latency	~200 ms

**Alternative housing materials available on request*

***Excluding connector*



Order Code: CT3027WA-TI

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

The CT3027WA is a high-definition subsea colour camera with a wide-angle field of view, designed for applications requiring broad scene coverage.

Featuring a 170° fisheye lens and a 1/2 inch 2.13 MP STARVIS CMOS sensor, the system delivers strong low-light performance and full HD image quality.

Measuring just 153 mm in length (excluding connector) with a 34 mm body diameter and a 57 mm head diameter, the robust titanium housing makes the camera well suited for integration onto ROV systems, diver helmets, and deployment within diving bells and subsea structures.

When used with compatible control systems, multiple cameras can be deployed and monitored simultaneously, making it well suited for survey and observation tasks.

Applications: ROV, Survey, Marine scientific, Commercial diving

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