

CT3012 Micro Colour Camera

Technical Specification

Model	CT3012
Housing	Titanium (Standard)*
Window	Sapphire
Depth Rating	6000 m
Housing Dimensions**	75 mm (L) x 26 mm (D)
Weight	114 g (water) / 150 g (air)
Connector	MCBH5MSS (Standard)
Voltage	12–24 VDC
Angle of View	56° (in water)
Lens	0.5 mm / f1.2
Resolution	1200 TV lines
Sensor	1/2.9 inch CMOS
Minimum Illumination	0.001 lux / f1.2
Operating Temperature	-20°C to +50°C
Operating Life	50,000 hours
Operating Current	<200 mA
Signal to Noise Ratio	>48 dB
Video Output	1.0 Vp-p composite



Order Code: CT3012-TI

Ultra-compact subsea colour camera for inspection and confined access applications

The CT3012 Micro Colour Camera is designed for inspection operations where small size, low cost, and reliable video quality are required.

Measuring just 75 mm in length (excluding connector) with a diameter of 26 mm, the camera is well suited for integration onto diver helmets, masks and small ROV systems. Its ultra-compact form factor also allows handheld use in confined or hard-to-reach areas where larger cameras are not practical.

The system delivers clear and consistent video output, making it well suited for a range of subsea inspection tasks.

***Alternative housing materials available on request**

****Excluding connector**

Applications: ROV, Survey, Marine scientific, Commercial diving

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