

CT3012 Micro Colour Camera

Technical Specification

Model	CT3012
Housing	Titanium (Standard)*
Window	Sapphire
Depth Rating	6000 m
Dimensions	75 mm (L) x 26 mm (D)
Weight	114 g (water) / 150 g (air)
Connector	MCBH4M (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

*Alternative housing materials available on request



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.

Housed within a compact 26 mm diameter body, the camera is ideal 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 conventional cameras cannot operate effectively.

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

Applications: ROV, Survey, Marine scientific, Commercial diving

Rev 1.1 | April 2026 | DS-037