

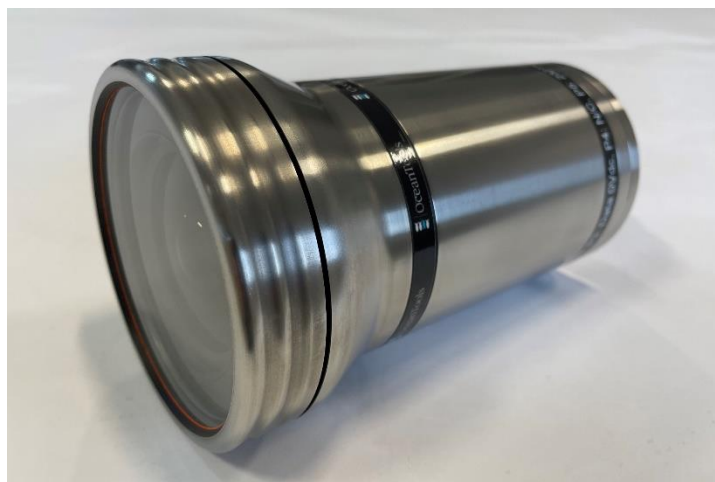


OceanTools

C6 Subsea Camera

High performance colour zoom camera

The **C6** is a beautifully engineered colour zoom camera designed to meet a wide range of subsea applications including the pilot's main camera on ROV systems, military/defence and scientific research.



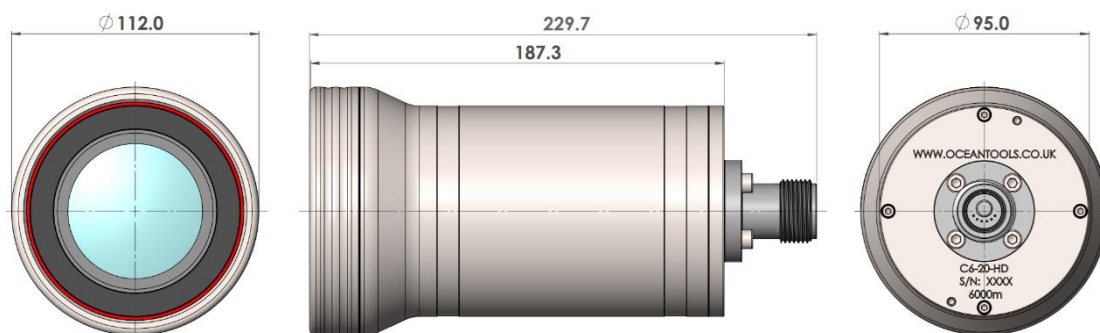
Overview

Based on CMOS technology and with a 1/2.8" 2.1MP image sensor, the **C6** produces superb video images at resolutions up to 1080p. The camera features true optical zoom of 30:1, along with a wide dynamic range, auto or manual focus and low distortion wide angle optics.

The **C6** is a rugged, dependable camera with a standard depth rating of 6000m, manufactured from titanium with a metal shell flange connector and sapphire viewport. Models include the **C6-10** SD, the **C6-20** HD, the **C6-30** combined SD and HD and the latest RTSP streaming model, the **C6-IP**.

Key Features

- >700TVL PAL/NTSC analogue (**C6-10** and **C6-30**)
- 720/1080p SDI digital (**C6-20** and **C6-30**)
- 720/1080p MPEG and MJPEG Ethernet IP (**C6-IP**)
- Up to 30x optical zoom and wide angle optics





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Specifications

	C6-10	C6-20	C6-30	C6-IP
Lens type	30x Optical Zoom (f=4.7~141mm)			
Max FOV in water	SD: 70°(H) x 60°(V) = 84°(D) HD: 80°(H) x 60°(V) = 91°(D)			
Sensor type	1/2.8" Progressive CMOS CCD			
Pixel resolution	1920 (H) x 1080 (V) 2.1 Megapixel			
Min illumination	0.5 Lux @ F1.6			0.05 Lux @ F1.5
Analogue video	>700 TVL PAL/NTSC 1V p-p CVBS 75Ω	-	>700 TVL PAL/NTSC 1V p-p CVBS 75Ω	-
Digital video	-	1080p, 1080i, 720p (60/50/30/25 fps) HD-SDI, 3G-SDI (SMPTE 292M, 424M)		Up to 1080p (30 fps) H.265, H.264, MJPEG
Control interface	Single Wire / Bipolar (Zoom, Focus, Iris) RS232 / RS485 (Pelco P/D, Sony VISCA)			10M/100M Ethernet (ONVIF Profile S & T, HTTP API)
Input voltage	24VDC (12–30VDC)			24VDC (16–32VDC)
Typical current	170mA @ 24VDC			300mA @ 24VDC
Depth rating	6000m			
Materials	Grade 5 Titanium Housing, Sapphire Window			
Standard connector	Scorpion 5506-1508	Scorpion 455-L-FCR		Subconn DFCR2008M
Length	187–194mm (excl connector)			
Diameter	112mm max, 95mm body			
Weight in air	3.7kg			
Weight in water	1.8kg			
Operating temperature	-10°C to +50°C			

Related Products

The **C5** is a true SIT replacement ultra low light camera providing superb high contrast monochrome video even in challenging lighting conditions.

All specifications are subject to change without notice. E&OE.

Version 16 (18.02.2026)



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