



OceanTools

C5 OceanCAM

Ultra low light camera

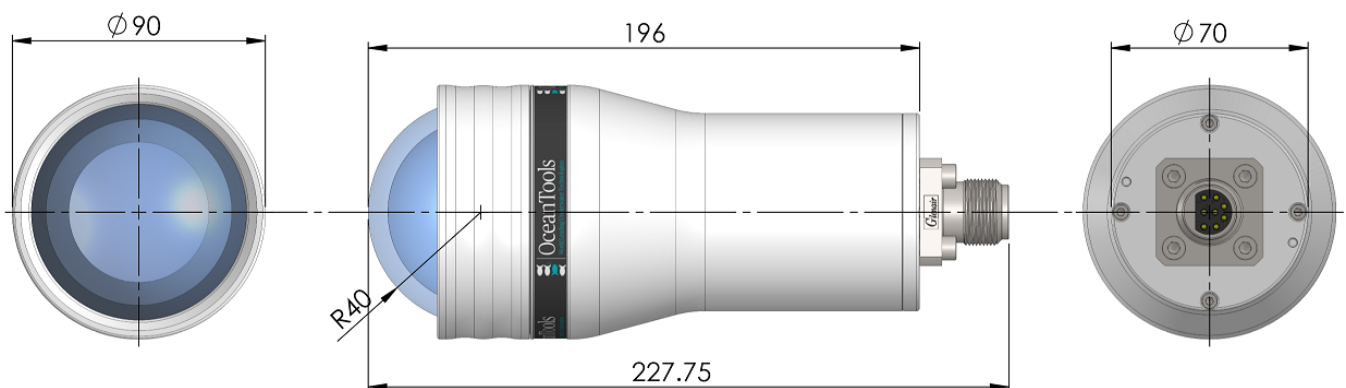
The **C5 OceanCAM** camera has been designed to provide high quality video without noise, while operating in very low light level underwater conditions down to 6000m.



Overview

The *cost-effective* **C5 OceanCAM** camera is equipped with a wide angle aspherical lens providing an angle of view underwater of 105 degrees (diagonal) through its quartz optically corrected front port. In addition the camera has a Wide Dynamic Range and blemish correction to ensure perfect video quality.

The housing is manufactured from Titanium to operate down to 6000 metres. Internal protection is provided to fully protect the camera from wrongful connection.



Specifications

	C5
Lens type	Wide Angle, Aspherical, High Speed
Underwater angle of view	105° (Diagonal)
Sensor type	1/2" CCD
Minimum illumination	0.0000025 Lux
Output resolution	570 TVL
Video output	1V p-p CVBS 75Ω
S/N ratio	≥ 52dB
Input voltage	12–26VDC
Maximum current	160mA @ 12VDC
Depth rating	6000m
Housing material	Titanium
Window	Quartz Water Corrected
Standard connector	Glenair G55
Length (excl connector)	196mm
Diameter	90mm
Weight in air	1.8kg
Weight in water	0.9kg
Operating temperature	-10°C to +50°C

Related Products

The **C4 OceanCAM** range of underwater Internet Protocol cameras capture HD video in low light level conditions, with a choice of lens options and depth ratings down to 3000m. Video from multiple units can be streamed over a single Ethernet uplink.

Product datasheets, GA drawings, case studies and other supporting documents are available to download from data.oceantools.co.uk

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

Version 1 (14.05.2020)