



OceanTools

OceanCAM-IP

High Definition Internet Protocol camera

The **OceanCAM-IP** 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.



Overview

The **OceanCAM-IP** cameras have been designed to serve a wide range of roles underwater, operating in low light conditions with fixed zoom and a 120dB Wide Dynamic Range. A 4mm lens is fitted as standard for 79° field of view, with 2.8mm wide or 6mm narrow lens options available on request.

Colour HD video (including 1080p) is streamed using standard Internet Protocols, with a remote configuration interface. Lower definition streams including 720p and 360p and a range of video bit rates are also supported.

The compact subsea camera units are manufactured from acetal or anodised aluminium to achieve a 300m or 3000m depth rating respectively with the same dimensions. A single subsea connector supports data and power, with optional Power over Ethernet (PoE) for easy integration.

Related Products

OceanCAM-IP/Z zoom cameras feature a zoom lens with 2.8–12mm focal length. **OceanCAM-IP/F** fisheye cameras offer a near 180° field of view, with an innovative hemispherical window design.

Hydra is a Pelicase housed Video Control Unit that can control up to eight **OceanCAM-IP** cameras. Live video from all cameras is displayed on the built-in HD display, and the unit can simultaneously digitally record the high definition video footage from all connected cameras.



Specifications

	OceanCAM-IP/W	OceanCAM-IP/S	OceanCAM-IP/N
Lens type	Wide	Standard	Narrow
Focal length	2.8mm	4mm	6mm
Field of view	98°	79°	48°
CMOS sensor size	1/2.8"		
Minimum illumination	0.01 Lux/F1.2		
Maximum resolution	2048 x 1536		
Compression standards	H.265+ / H.265 / H.264+ / H.264 / MJPEG		
Network protocols	RTSP / FTP / DHCP / UPnP		
Interface standards	ONVIF (Profile S & G) / PSIA / CGI / ISAPI		
Network interface	10M/100M Ethernet		
Input voltage	12-24VDC or PoE 802.3af		
Maximum current	625mA @ 12VDC		

	Shallow (300m)	Deep (3000m)
Length (excl connector)	105mm	
Diameter	110mm	
Material	Delrin	Aluminium
Depth rating	300m	3000m
Weight in air	0.8kg	1.7kg
Weight in water	0.1kg	0.6kg
Operating temperature	-30°C to +60°C	
Standard connector	Subconn MCBH8M	

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.

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