

Orphiecam 3000



The OrphieCam 3000 is designed for deep-sea applications down to 3000 meters. This camera stands out in extreme underwater environments by offering unrivalled visibility, making it the preferred choice for a variety of ultra-deepwater applications.

Specifications

Product	OrphieCam 3000
Country of origin	France
Manufacturer	Orphie
Material	Titanium

OrphieCam 3000 is an indispensable ally. It delivers a real-time video stream with minimal latency and low bandwidth. The camera is based on our new patented algorithms which allows you to see further away in any water in real time. Our camera is plug&play and will provide you the best images on the market. OrphieCam 3000 is adapted for all underwater inspection for depths up to 3000m.

Optical & Video

Sensor	2/3" CMOS color sensor
Optical resolution	1080p
Frame rate	25 fps
Latency	~150ms
FOV	Air : 95°(D) / 82°(H) / 66°(V) Water : 67°(D) / 59°(H) / 48°(V)

Electrical

Input voltage	12 - 32V
Power	13W maximum
Standard connector	Glenair G55 Titanium (other on demand)
Data transmission	Ethernet 100BASE-T (100Mbit/s)
Bandwith	12 Mbit/s maximum
Operating temperature	0°C to 45°C

Mechanical

Depth rating	3000m)
Lens material	Tempered Borofloat
Dimensions (without connector)	L=275.5mm Ø=116mm
Weight air/water	4.5kg/2.5kg