



Orpheo

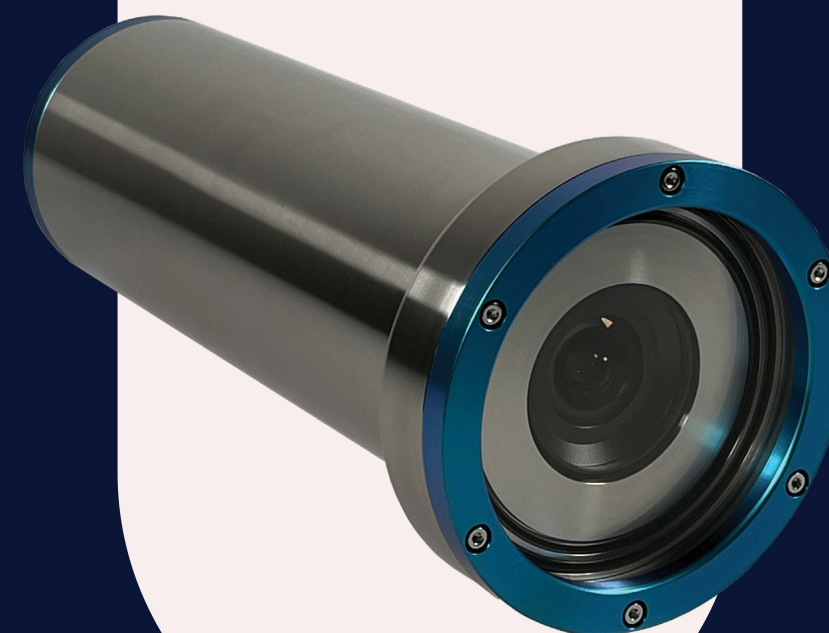
Custom software for Orphie cameras

All camera parameters configurable from a single software
→ User friendly

Other additional features
→ Digital zoom, snapshot, record...

About the company

For 45 years, i2S has been the expert in high-quality image capture and processing, applied to most complex and challenging imaging projects in various fields, but also growing a unique know-how to become the leader in subsea imaging technology that became a dedicated business unit called Orphie.



Orphiecam 3000

Unmatched visibility distance, in real time,
that saves you time and money.

Orphiecam 3000

The best choice for your inspections



x3 visibility distance



Real time image processing



Low latency



Easy to use

Technical specifications Orphiecam 3000

Optical & Video

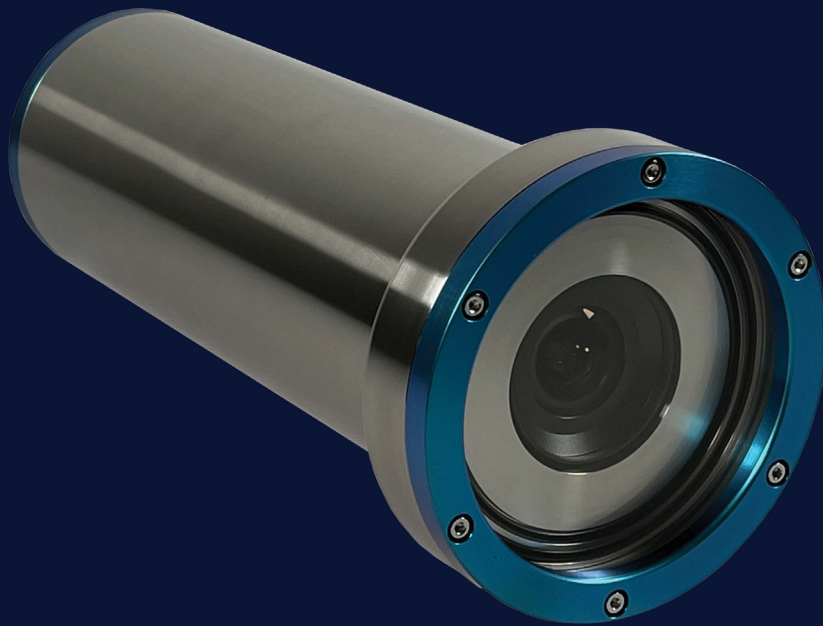
Sensor	2/3' CMOS color sensor
Optical resolution	1080p
Frame rate	25 fps
Latency	~150ms
FOV	Air : 95°(D) / 82°(H) / 66°(V) Water : 67°(D) / 59°(H) / 48°(V)

Electrical

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

Mechanical

Depth rating	3000m (9842ft)
Housing material	Titanium
Lens material	Tempered Borofloat
Dimensions (without connector)	L=275.5mm ; ø=116mm
Weight (air/water)	4.5kg/2.5kg

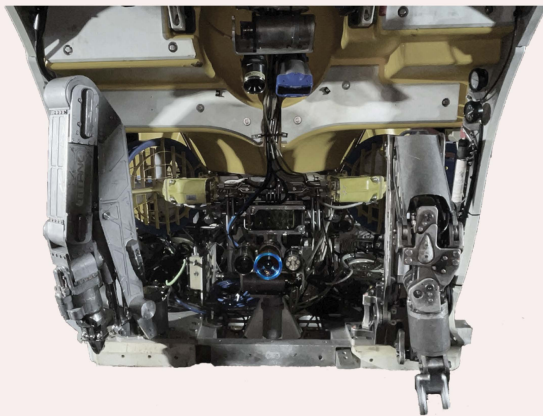


Orphiecam 3000 options

SuperG55 1m straight tail (other lengths or right angle on demand)

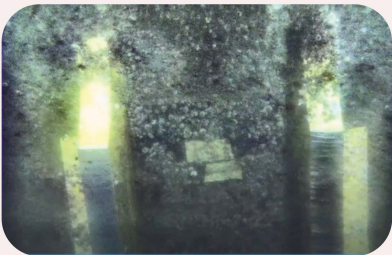
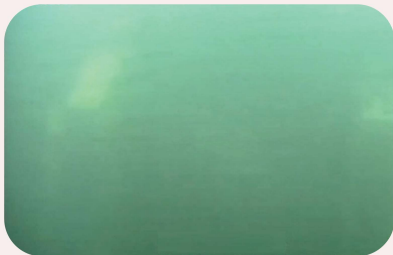


→ Other options and configurations on demand



Standard camera

Orphie camera



«I would definitely recommend the Orphie camera within my own team but definitely not to my competitors because the camera brings us quicker efficiency»
 ROV manager