



Technical specification

ORPHIECAM 3000



ELECTRICAL

Voltage	12-24V
Power	12W Maximum
Standard Wiring	SubConn 8 Pin (Other connector on demand)
Data Transfer/Latency	Ethernet H.264 <130ms

OPTICAL & VIDEO

Sensor	2/3" CMOSCOLOR
Resolution	1080p / 20 fps
FOV (Air/Water)	95°(D) / 82°(H) / 66°(V) 67°(D) / 59°(H) / 48°(V)
Bandwidth	10Mbps (Reduced bandwidth on demand)

MECHANICAL

Housing Material	Titanium
Lens Material	Sapphire glass
Dimensions	L = 275mm, ø=116mm

MECHANICAL

Depth rating	3000m
Operating temperature	0°C to 45°C

SOFTWARE

The system is provided with our visualization software which can be used on every computer.

DESCRIPTION

ORPHIECAM 3000 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.

CONTACT US FOR MORE INFORMATION:

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| www.i2s.fr/en/underwater-imaging |

STANDARD CAMERA

ORPHIECAM



PIPELINES



AQUACULTURE



MOORINGS



BETTER VISIBILITY

Improved spatial acuity (x3)

ZERO-LATENCY

Realtime on-board processing

PLUG & PLAY

Easy to use

BETTER QUALITY

Optimized image enhancement

