

# Orphiecam 300



OrphieCam 300 is designed to excel in challenging environments up to 300 meters depth. It is the best choice for a wide range of applications with exceptional visibility distance in turbid waters. Offering real-time video streaming with less than 130 ms of latency and low bandwidth, this camera will meet the needs of professionals.

## Specifications

<b>Product</b>	OrphieCam 300
<b>Country of origin</b>	France
<b>Manufacturer</b>	Orphie
<b>Material</b>	Hard anodized Aluminium

## Optical &amp; Video

<b>Sensor</b>	2/3' CMOS color sensor
<b>Optical resolution</b>	1080p
<b>Frame rate</b>	25 fps
<b>Latency</b>	~150ms
<b>FOV</b>	Air : 86°(D) / 75°(H) / 58°(V) Water : 62°(D) / 54°(H) / 40°(V)

## Electrical

<b>Input voltage</b>	12 - 32V
<b>Power</b>	13W maximum
<b>Standard connector</b>	Glenair G55 Titanium Aluminium MacArtney DBH8M
<b>Data transmission</b>	Ethernet 100BASE-T (100Mbit/s)
<b>Bandwith</b>	12 Mbit/s maximum
<b>Operating temperature</b>	0°C to 45°C

## Mechanical

<b>Depth rating</b>	300m
<b>Lens material</b>	Tempered Borofloat
<b>Dimensions (without connector)</b>	L=254.5mm Ø=90mm
<b>Weight air/water</b>	2.3kg/0.6kg