

# Towed underwater video TUVS100IP



Adjustable depth



Full HD 1080p



4h autonomy



Integrated LED lighting



Ultraportable



## SUBSEA TECH

Marine and Underwater Technologies

## The towed video TUVS100IP

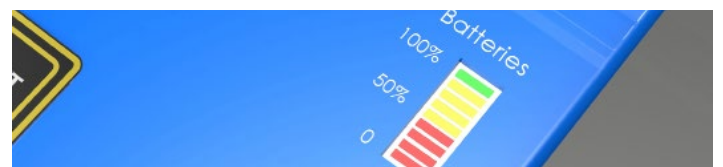
has been specially developed for the acquisition of underwater images over long distances. Its integrated wing system allows its use at variable depths while ensuring maximum stability of the video. The depth of the camera varies according to the speed of the boat, the length of the cable and the weight of the unit.

The system includes a control interface composed of a PC integrated in a waterproof Pelicase equipped with a 12" anti-glare screen and a full HD camera in a stainless steel housing with integrated LED lighting.



### CAMERA

The TUVS100IP is a full HD 1080p camera with high sensitivity, integrated into a stainless steel waterproof housing. The camera has a LED lighting of 2400 lumens.



### BATTERIES

Thanks to its integrated NiMH batteries, the TUVS100IP is completely autonomous in energy for up to 4 hours.



### TOWED WING

The towed wing makes it possible to carry out video recordings over long distances while offering optimal stability.

# TECHNICAL SPECIFICATIONS

## VIDEO CAMERA FEATURES

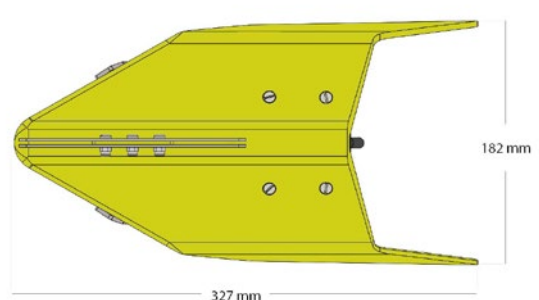
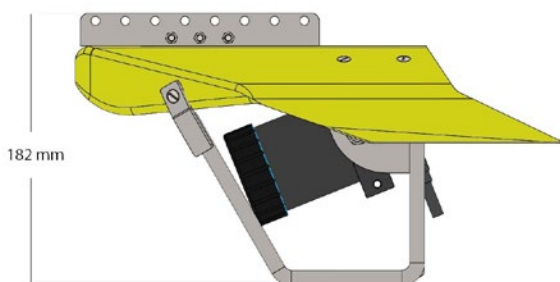
<b>Depth rating</b>	100m standard (stainless steel housing)
<b>Dimensions</b>	ø 66mm x L 110mm
<b>Weight</b>	820g
<b>Tightness</b>	IP68
<b>Sensor</b>	Full HD resolution 1080p, sensibilité 0,01 lux
<b>Lighting</b>	integrated LED in camera housing (2400 lumens), intensity control

## CONSOLE FEATURES

<b>Dimensions</b>	W 470mm x D 370mm x H 180mm
<b>Weight</b>	11,5kg
<b>Video display</b>	12" color LCD screen
<b>Batteries</b>	NiMH batteries, 24V - 4500mAh
<b>Consumption</b>	On batteries : 48W max. On sector : 80W max.
<b>Autonomy</b>	Up to 4 hours with charge level indicator
<b>Recorder</b>	Built-in PC with 250 GB SSD (larger storage size available on request)
<b>Ports</b>	1 HDMI, 1 RJ45 and 3 USB

## TOWED WING FEATURES

<b>Dimensions</b>	L 327mm x W 182mm x H 182mm
<b>Weight</b>	3 kg
<b>Description</b>	Hydrodynamic depression wing
<b>Material</b>	Polypropylene + 316L stainless steel protection frame
<b>Camera tilt</b>	Camera tilt adjustable (0-90°)



## UMBILICAL

<b>Standard</b>	50m sinking cable with Kevlar braid (dia. 6,3mm) + Dynema cable + HDPE protection sheath
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## PACKAGING

<b>Transport</b>	Transport bag including camera, console, wing and tether.
<b>Weight</b>	18 kg

## MAINTENANCE ET WARRANTY


<b>Documentation</b>	Operator's manual in paper and digital version
<b>Maintenance</b>	No specific maintenance required
<b>Warranty</b>	1 year, man-hours and parts, excl. transport costs

## OPTIONS

<b>Depth meter</b>	Integration in the camera casing with data overlay on the console screen
<b>Winch</b>	Manual winch with slip ring for umbilica
<b>WiFi link</b>	Wifi video transmission system on external screen
<b>Transport case</b>	Transport case (Pelicase) for console , camera and umbilical
<b>Contract support</b>	Annual maintenance contract with free updates
<b>Other options</b>	On demand

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