

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

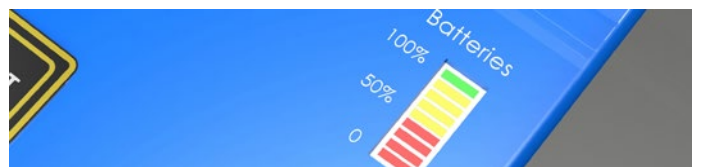
has been specially developed for the acquisition of underwater images over long distances. Its integrated wing system allows its use at variable depths while ensuring maximum stability of the video. The depth of the camera varies according to the speed of the boat, the length of the cable and the weight 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 500 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

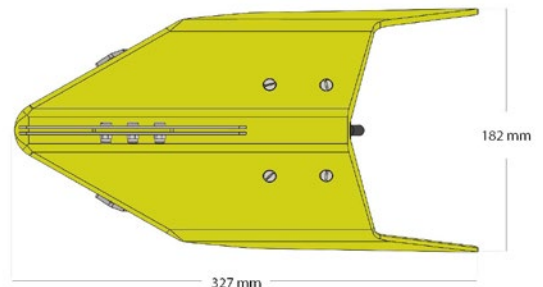
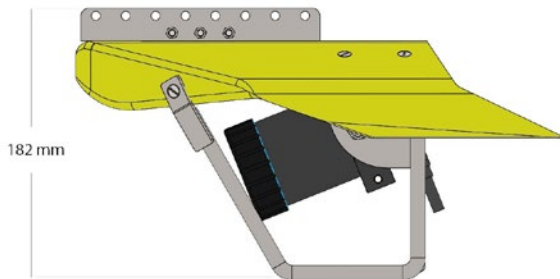
Depth rating	100m standard (stainless steel housing)
Dimensions	ø 66mm x L 110mm
Weight	820g
Tightness	IP68
Sensor	Full HD resolution 1080p, sensibilité 0,01 lux
Lighting	integrated LED in camera housing (500 lumens), intensity control

CONSOLE FEATURES

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

TOWED WING FEATURES

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



UMBILICAL

Standard	50m sinking cable with Kevlar braid (dia. 6,3mm) + Dynema cable + HDPE protection sheath
Extensions in option	Extensions with customized lengths up to 450m max

PACKAGING

Transport	Transport bag including camera, console, wing and tether.
Weight	18 kg

MAINTENANCE ET WARRANTY

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

OPTIONS

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



www.subsea-tech.com



st.sales@subsea-tech.com



+33 (0) 491 517 671



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