



Underwater Com/Video UVAS100RL



2 divers + tender



Integrated LED lighting



Full HD 1080p



Ultra-portable



Batteries up to 4h



SUBSEA TECH

Marine and Underwater Technologies

The UVAS100RL system

is an hybrid underwater video and communication device designed for commercial divers. It is composed of 2 HD video cameras equipped with integrated LED lighting and 2 diver communication systems (mic + earphones) compatibles with most facial masks and helmets available on the market (KMB, OTS, etc.).

The surface unit allows displaying and recording simultaneously video from 2 divers and ensures upwards/downwards communication with the supervisor. The surface unit can optionally integrate a wireless communication system for the tender.



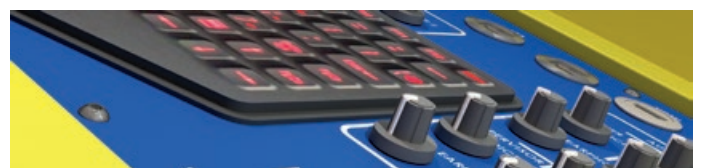
2 IN 1 SYSTEM

The UVAS100RL uses a single umbilical for each diver as well as a single surface unit in order to reduce deck footprint and ease divers' movements



HD CAMERA

The system includes two 1080p HD video cameras with integrated LED lighting with variable intensity. A specific bracket allows easy camera mounting on diver's mask/helmet



USER FRIENDLY

The operator's interface has been designed to simplify supervisor's work. Friendly use allows the supervisor keeping focused 100% on his mission.

TECHNICAL SPECIFICATIONS

SURFACE UNIT

General	PC (Windows 10) intergated in a Pelicase (IP65 once closed) with soft keyboard and touchpad
Dimensions	L 470mm x W 370mm x H 180mm
Weight	11,5 kg
Video display	17" splitable colour screen (diver 1, diver 2, diver 1+2)
Supervisor Com.	Speakers and micro integrated in surface unit + Micro/Heaphone jack
Divers/tedner Com.	Independant adjustment of micro and earphone volume for each diver and for the tender
Lighting	Independant adjustment of LED light intensity for each camera
Text overlay	Date/Time. Additional text can be overlaid using the soft keyboard
Recording/storage	500 Go hard drive integrated in PC
Output/ports	HDMI, Ethernet, USBx3
Autonomy	4h with charge level indicator

CAMERAS

Depth rating	100m (Acetal or stainless steel casing)
Dimensions	ø 66mm x L 110mm
Weight	Stainless steel 820g, Acetal 280g
IP rate	IP68
Sensor	Resolution 1080p, sensitivity 0,01 lux
Lighting	LED integrated in camera casing (500 lumens) with intensity control

DIVER COMMUNICATION SYSTEM

Elements	OTS micro/earphone kit
Upwards Com.	Push To Talk (PTT) button
Connection	Bulkhead connector on camera
IP rate	IP68
Compatibility	OTS, AGA, KMB facial masks and helmets mountable

UMBILICAL

Standard	80m neutrally buoyant tether with Kevlar braid. Shorter lengths on demand
-----------------	---

PACKAGING

Content	1x surface unit, 2x video cameras in Acetal or stainless steel casing with bulkhead connectors for umbilical and Com. kit, 2x diver micro/earphone kits (OTS as standard) with connector, 2x 80m umbilical with connector
Transport	Pelicase with wheel for overall equipment
Weight	30kg

MAINTENANCE AND WARRANTY

Documentation	Operator manual in electronic version
Maintenance	No specific maintenance required
Warranty	1 year spares and labour, excl. transport

OPTIONS

Pressure sensor	Integrated on camera casing, with depth display on surface unit screen
Manual winch	300m capacity winch with slip ring
Tender Com.	Wireless Com. system for tender
Facial mask/helmet	Supply/integration on diver facial masks or helmets (with specific camera bracket)



www.subsea-tech.com



+33 (0) 491 517 671



SubseaTech_



st.sales@subsea-tech.com



SubseaTech



subsea-tech