

Video/Communication system

# UVAS100IP



2 divers + tender



Integrated LED lighting



Full HD 1080p



Ultra-portable



Integrated batteries



**SUBSEA TECH**

Marine and Underwater Technologies

## The UVAS100IP

is an ultra compact hybrid video and underwater communication system designed for professional divers and scuba divers. It is made up of 2 HD cameras with integrated lighting and 2 communication systems (earpieces + microphone) compatible with most of the face masks and headsets on the market (KMB, OTS, etc.). The surface console allows to display and record simultaneously the video of the 2 divers and ensures the up/down communication with the supervisor. The console can optionally integrate a system of radio communication with a tender.



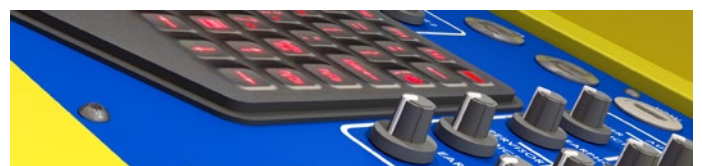
### 2 IN 1 SYSTEM

The UVAS100IP video system uses a single umbilical per diver and a single surface console to limit the footprint on the deck and facilitate diver movement



### FULL HD CAMERA

The system includes two Full HD 1080p cameras with integrated variable intensity LED lighting. Brackets allow the camera to be mounted on headsets or facemasks



### ERGONOMICS

The supervisor interface has been developed with simplicity of use in mind. The intuitive use allows the supervisor to remain totally focused on his mission

# TECHNICAL SPECIFICATIONS

## SURFACE UNIT

<b>General</b>	PC (Windows 10) integrated in an IP65 Pelicase case (when closed), with soft keyboard and touch screen mouse
<b>Dimensions</b>	L 470mm x W 370mm x H 180mm
<b>Weight</b>	11,5 kg
<b>Video display</b>	Splittable 22" color screen (diver 1, diver 2, diver 1+2)
<b>Supervisor Comm.</b>	Speaker and microphone integrated in the console + microphone and headphone jacks
<b>Divers/tedner Com.</b>	Independant adjustment of micro and earphone volume for each diver and for the tender
<b>Lighting</b>	Independant adjustment of LED light intensity for each camera
<b>Text overlay</b>	Date/Time. Additional text can be overlaid using the soft keyboard
<b>Recording/storage</b>	250 Go SSD (larger storage size available on demand)
<b>Ports</b>	HDMI, Ethernet, USBx3
<b>Autonomy</b>	3h with charge level indicator

## CAMERAS

<b>Depth rating</b>	100m (POM/stainless steel housing)
<b>Dimensions</b>	ø 66mm x L 110mm
<b>Weight</b>	Stainless steel version 820g, POM version 280g
<b>IP rate</b>	IP68
<b>Sensor</b>	Resolution 1080p, sensitivity 0.01 lux
<b>Lighting</b>	Integrated LED in camera housing (500 lumens), with intensity control

## DIVER COMMUNICATION SYSTEM

<b>Elements</b>	Microphone/headset OTS
<b>Upwards Com.</b>	Push To Talk button (PTT)
<b>Connection</b>	Connection to dedicated camera base
<b>IP rate</b>	IP68
<b>Compatibility</b>	Can be integrated on OTS, AGA, KMB headsets/masks

## UMBILICAL

<b>Standard</b>	80m neutral (ø 7,9mm), Kevlar braid Shorter lengths on request
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## PACKAGING

<b>Content</b>	1 surface unit, 2 cameras integrated in POM or stainless steel housing with umbilical connector and comm. kit, 2 umbilicals of 80m with camera connectors
<b>Transport</b>	Pelicase with wheel for overall equipment
<b>Weight</b>	30kg

## MAINTENANCE AND WARRANTY

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

## OPTIONS

<b>Pressure sensor</b>	Can be integrated into the camera housing with screen overlay
<b>Manual winch</b>	Manual winch with rotating collector
<b>Com. tender</b>	Wireless communication system for tender
<b>Mask/Headset</b>	Supply/integration on headsets or face masks (with dedicated camera supports)



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