

Video Control Unit UVS100IP / UVS300IP



100 m / 300 m depth



1 to 4 cameras
Full HD 1080p



Integrated batteries



Integrated LED lighting



SUBSEA TECH
Marine and Underwater Technologies

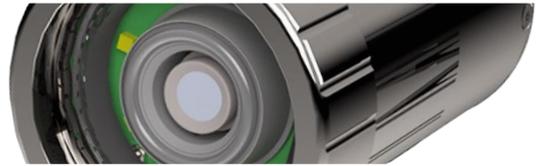
The **UVS100IP / UVS300IP** is an ultra-compact underwater video system that can operate either on mains power or integrated batteries.

It can control up to four Full HD cameras with integrated LED lighting, enabling all types of underwater visual inspections directly from the surface using a telescopic pole, via a diver (handle or helmet mount), or mounted on fixed or mobile submerged supports.

The surface control unit allows broadcasting and recording of up to four simultaneous video streams, with three control station options:

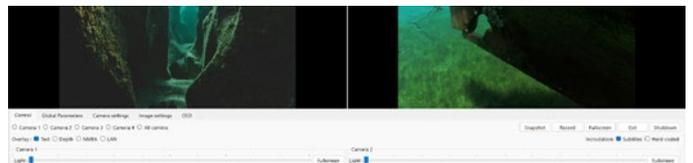
- 17" laptop
- 14" semi-rugged laptop
- Integrated 17" screen console in Pelican case

Options :



CAMERA

The control unit can operate from 1 to 4 high-sensitivity Full HD cameras (4K optional, 0.01 lux), housed in Acetal (100 m) or Stainless Steel (300 m) enclosures.



CONTROL INTERFACE

Recording, light intensity control, screen sharing, and more.



ULTRA-PORTABLE

Delivered in a transport bag including the control interface, camera(s), umbilicals, and accessories such as diver handle, helmet mount, pole attachment, etc.

TECHNICAL SPECIFICATIONS

CAMERA SPECIFICATIONS

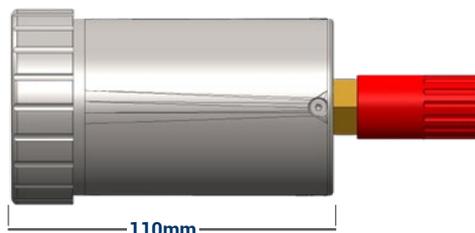
Max Depth	100 m (POM/Acetal housing) 300 m (Stainless steel housing)
Dimensions	ø 66mm x L 110mm
Weight (air/water)	Stainless steel: 820 g Acetal: 280 g / 0 g
Ingress Protection	IP68 – 100 m / 300 m
Sensor	Resolution 1920x1080p, sensitivity 0.01 lux
Lighting	Integrated LED in camera housing (2400 lumens) with intensity control
Number of Cameras	Up to 4 simultaneous cameras

SYSTEM CONTROL

Control Options	Option 1: 17" laptop Option 2: 14" semi-rugged laptop Option 3: Integrated 17" console
Video Display	Via PC or console with on-screen overlays
Power Consumption	Battery mode: 48 W max Mains power: 80 W max
Battery Life	Up to 3 hours with charge level indicator
Recorder	Integrated PC with 250 GB storage (larger storage capacity available upon request)
Ports	1 HDMI, 1 RJ45, 3 USB

UMBILICAL

Standard Integrated	80 m, neutrally buoyant (ø 7.9 mm) or negatively buoyant (ø 6.3 mm) with Kevlar braid (100 kg breaking strength)
Optional Extensions	Custom extensions up to 450 m with CPL option



PACKAGING

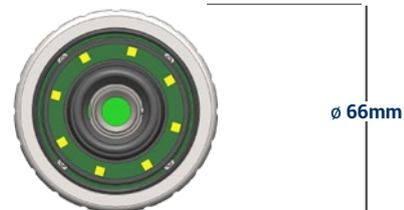
Transport	Transport bag for complete system
Weight	From 8 to 13 kg depending on confi- guration

MAINTENANCE & WARRANTY

Documentation	Digital operator manual
Maintenance	No specific maintenance required
Warranty	1 year parts and labor (excluding transport costs)
Support technique	Response time: < 8 working hours Resolution time: < 48 working hours

OPTIONS

Depth Sensor	Integrated into camera housing with on-screen overlay
Additional Lighting	LED externe 10000 lumens
Reel	Manual reel with slip ring
Telescopic Pole	Visible sections (0.5 m or 1 m) with camera mount
Diver Supports	Handle or helmet mount
Geolocation	USBL SeaTrac or equivalent with coor- dinate display on control screen
Other options	Available upon request



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