

Video system UVS100RL



Depth rating 100m



700TVL high sensitivity



4h autonomy



integrated LED lighting



Ultra-portable



SUBSEA TECH
Marine and Underwater Technologies

The UVS100RL system

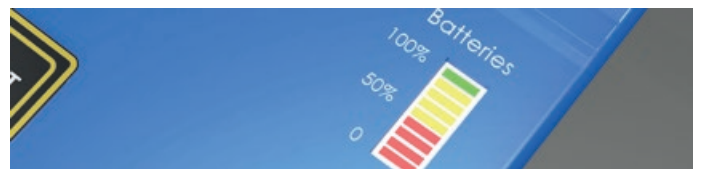
is an ultra compact underwater video camera system operable on batteries (4h autonomy, 8h in option) or on main power supply. Fitted with a high resolution color camera, 700TVL, sensitivity 0.01 lux, and integrated LED lighting (4x122 lumens), the UVS100RL allows performing any kind of underwater inspection whether directly from the surface with a telescopic pole, with a diver (wrist or hat mounted) or from any fixed or moving support

The waterproof display console has an integrated 12" LCD screen, a digital recorder/reader (SD card) in standard.



VIDEO CAMERA

The UVS100RL includes a high sensitivity 700TVL video camera and LED lighting system integrated in a acetal or stainless steel casing.



BATTERIES

Thanks to embedded NiMH batteries integrated in the console, the UVS100RL has a fully autonomous energy supply allowing up to 4h (8h in option) missions in remote areas.



ULTRA-PORTABLE

Packed in a lightweight and small waterproof case, the UVS100RL is one of the most compact underwater video system on the market.

TECHNICAL SPECIFICATIONS

VIDEO CAMERA FEATURES

Depth rating	100m standard (Acetal or stainless steel housing), 300m on demand
Dimensions	ø 66mm x L 110mm
Weight	Version Inox 820g, version POM 280g
Tightness	IP68
Sensor	700TVL resolution, sensitivity 0,01 lux
Lighting	integrated LED in camera housing (500 lumens), intensity control

CONSOLE FEATURES

Dimensions	L 360mm x W 290mm x H 160mm
Weight	6kg
Video display	12" color LCD screen
Batteries	NiMH accumulators, 24V - 4500mAh
Power	On batteries : max. 48W On main power supply : max. 80W
Autonomy	4h (8h in option), integrated battery level indicator
Recorder	Digital recorder/reader on SD card
Output	RCA outputs for external screen or recorder
Input	RCA input for microphone

UMBILICAL

Standard	100m buoyant (ø 7,9mm), integrated Kevlar braid Tether buoyancy adjustable on demand
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PACKAGING

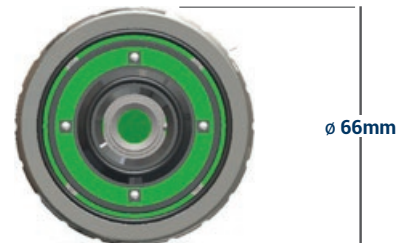
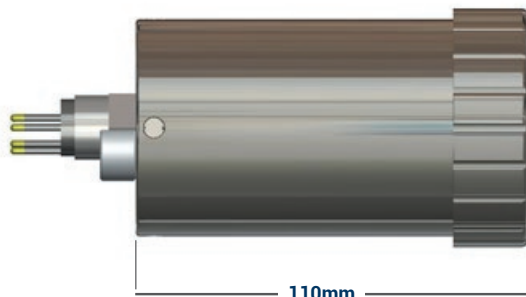
Transport	Camera fitted in the console, transport bag for the console and the tether
Weight	<15 kg

MAINTENANCE AND WARRANTY

Documentation	Operator manual, soft and hard versions
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
Video	Double camera input to console with switch
Winch	Manual winch with slip ring for umbilical
Video enhancement	LYYN Hawk Board for turbid waters
Pole	Pole with camera bracket (length on demand)
Diver brackets	Wrist or hat mounted bracket
WiFi link	Wifi video transmission system on external screen
Transport case	Transport case (Pelicase) for console , camera and umbilical
Support contract	Annual maintenance contract with free updates
Other options	On demand



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