



## SEASPYDER UNDERWATER DIGITAL STILLS CAMERA

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This latest development of the popular STR SeaSpyder Drop Camera system not only offers superior performance to its predecessors but also boasts a significant reduction in size and weight. These advancements allow easy installation to a wide range of ROV and ROTV systems in order to provide ultra-high quality still frame capture.

STR have continued to add features and improve specifications to its line-up of cameras, this latest product has benefited from a complete design review allowing our engineering team to miniaturise all existing features and yet increase performance such as improved resolution and optical performance.

### KEY FEATURES

- Reduced size and weight
- Overall length 345mm (including connectors)
- Ultra high quality still frame capture
- 24 MegaPixel resolution
- Sensitivity up to ISO25600
- Ability to store >10000 images

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## SeaSpyder 24MP Digital Stills Camera

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<b>ROV/MUX Interface:</b>	24V DC Nominal (18-26V), 100Mbps Ethernet	<b>Aspect Ratio:</b>	3:2, 4:3, 16:9, 1:1
<b>Power Input:</b>	Stills Camera - 15W/50W (without/with flash) @ 24V DC	<b>Shutter Speed:</b>	30 - 1/4000 Sec
	Standard system inc 4x LED, IP Video, Flash & Aux sensors - 100W	<b>Aperture Range:</b>	F3.5 - F22
<b>Interface:</b>	1 x STR High Power Flash	<b>Focal Length:</b>	18mm
	4 x SeaLight LED-1-DC Lamps (user dimmable)	<b>Focus:</b>	Manual & Automatic mode
	3 x RS232 Ports with 24V DC	<b>Angle of View (H, V, D):</b>	SP-TC-1500A - ≈43, 30, 49° in water SP-TC-4000T - ≈64, 45, 74° in water
	1 x Quad Scaling Laser port (switchable 24V DC)	<b>Lens:</b>	SP-TC-1500A - Acrylic viewport SP-TC-4000T - BK7 Corrected Dome Lens
	1 x Ethernet Port with 24VDC (IP Video Camera Interface)	<b>Minimum Operation Temp:</b>	-10°C
<b>Power Output:</b>	4x LED Ports 60W Each @ 24V DC		
	3x User Ports 38W Each @ 24V DC		
<b>Dimensions:</b>	SP-TC-1500A - 320mm x 197mm Dia. (inc. connector)		
	SP-TC-4000T - 343mm x 197mm Dia. (inc. connector)		
<b>Weight (Air/Water):</b>	SP-TC-1500A - 14.5kg/2.0kg (air/water)		
	SP-TC-4000T - 21kg/10.5kg in air/water		
<b>Housing:</b>	SP-TC-1500A - Hard anodised aluminium alloy		
	SP-TC-4000T - Titanium Alloy		
<b>Depth Rating:</b>	SP-TC-1500A - 1500m SP-TC-4000T - 4000m		
<b>Image Size:</b>	24 Megapixel JPEG & RAW up to 6000x4000		
<b>ISO Sensitivity:</b>	100 - 25600		

All information contained in this brochure may be subject to change without prior notice.