



SUBSEA TECHNOLOGY & RENTALS

## SEASPECTRUM CZ

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The STR SeaSpectrum range of underwater cameras deliver high performance image definition through a variety of formats including HD-SDI, HD-IP and Composite Video. All cameras in the SeaSpectrum range are designed with compact and lightweight aluminium housings rated to 3000m water depth and can be selected with a choice of lens options for optimum use.

SeaSpectrum CZ colour zoom camera is fitted with a fused quartz dome lens for superior wide angle video capture. Full camera configuration is possible with remote RS232 & RS485 control which includes manual zoom and focus. Tri-state and bi-polar control options are also possible.

### KEY FEATURES

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- Wide Angle Colour Zoom Camera
- Composite Video 576i 25/30fps
- 3000m Depth Rating
- Optically Corrected Quartz Dome Lens

# SEASPECTRUM CZ

## Optical:

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<b>Viewport:</b>	Quartz Dome
<b>Field of View:</b>	85° air/water
<b>Sensor:</b>	1/2.8" Panasonic 2 Mega Pixel CMOS

## Min Illumination:

(DSS) 0.017Lux Colour, 0.0008Lux BW/  
(STD) 1.0Lux Colour, 0.5lux BW

<b>Signal to Noise Ratio:</b>	>50dB (AGC = OFF)
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<b>Zoom:</b>	2.8-12mm Dual-motor optical zoom / 16x Digital Zoom
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<b>Focus:</b>	Remote controlled manual/auto-focus
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<b>Image Enhancement:</b>	Wide Dynamic Range (WDR), Digital Noise Reduction (DNR), colour configuration, defog
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## Analogue Interface

<b>CVBS:</b>	PAL / NTSC 576i 25/30 fps
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## Electrical:

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<b>Power Input:</b>	9 - 30VDC (Max 125mA @ 24VDC, typical 25mA)
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<b>Fault Protection:</b>	Reverse polarity input protection with self reset fuse
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## Mechanical:

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<b>Depth Rating:</b>	3000m
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<b>Housing Material:</b>	Neutral Hard Anodised Aluminium
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<b>Connector:</b>	Subconn MCBH8M
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<b>Length:</b>	165mm (195mm inc connector)
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<b>Diameter:</b>	Max 90mm / main body 70mm
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<b>Weight:</b>	1.25kg in air / 0.77kg in water
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## Control:

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<b>Software:</b>	STR SeaSpectrum Camera Controller
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<b>Hardware:</b>	RS232/RS485 Zoom, Focus & OSD Configuration
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All information contained in this brochure may be subject to change without prior notice.