



SUBSEA TECHNOLOGY & RENTALS

SEASPECTRUM IP



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 IP is a compact and robust High Definition Internet Protocol camera and is fitted with wide angle viewport for optimum cost Vs performance ratio. Its internal CPU provides video encoding and IP transmission with control over optical parameters, resolution frame rate and compression. Settings can be adjusted to configure the camera for low bandwidth or low latency applications.

KEY FEATURES

- High Definition Internet Protocol Interface
- 720p/1080p
- 3000m Depth Rating
- Low Latency

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SEASPECTRUM IP

Optical:

Viewport: Acrylic Wide Angle

Field of View: 1080p: 70° air/ 52°water 720p: 85°
air/ 64°water

Sensor: 1/2.5" Aptina 5 Mega Pixel CMOS

Min Illumination: 0.1Lux Colour
Signal to Noise Ratio: >50dB
(AGC = OFF)

Focus: Fixed Focus

Image Enhancement: Brightness Saturation,
Sharpness
Contrast

**Digital Interface
RTSP:** Real Time Streaming Protocol RTSP
1080P 25/30 fps, 720p 25/30 fps
(up to 2592x1920 10 fps to
1024x768 30fps)

Digital Latency: 100-200mS Typical

Data Bitrate: 500-8000 kbps

Electrical:

Power Input: 15 - 25VDC (Max 125mA @
24VDC, typical 80mA)

Fault Protection: Reverse polarity input protection
with self reset fuse

Mechanical:

Depth Rating: 3000m

Housing Material: Neutral Hard
Anodised Aluminium

Connector: Subconn MCBH8M

Length: 165mm (195mm inc connector)

Diameter: Max 90mm / main body 70mm

Weight: 1.25kg in air / 0.77kg in water

Control:

Software: Web Configuration Interface

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

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