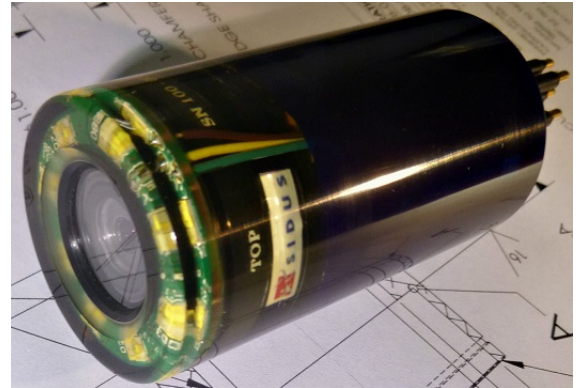




Professional Solutions for Hazardous Area & Subsea Systems

## SS414 “Mini Inspector” High Performance Color Camera with Integrated LED Lighting



Built with the purist in mind, **SIDUS Solutions’ Mini Inspector** unites an image rich, high clarity inspection camera with integrated, variable intensity, sealed high-bright LEDs.

This camera allows accurate, wide field-of-view inspection and ease of use within confined or limited spaces or when mounted on manipulator arms. The housing design takes advantage of resin materials so that the **Mini Inspector** camera arrives fully encased within an impact-resistant body, to perform in wet, subsea and hazardous areas. Applications include; drop cameras, equipment monitoring, diver helmet mount, ROV and a host of others.

The **Mini Inspector** combines the best of; value, performance, durability and versatility. This is achieved with use of the latest, high-resolution, low light, color CCD camera technology and rock-hard LED illumination.

SIDUS Solutions supplies complete turnkey inspection system equipment, engineering and technical services. Please visit our website or contact SIDUS Sales Team today about other services and product offerings.

*Design and Specifications are subject to change without notification (May/2014).*

System Supplier | Project Management Services | Systems Installation & Commissioning | System Integration | Safety

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## Technical Specifications: SS414 Mini Inspector

### Electrical

Operating Voltage	24vDC
Current	160mA
Communication	RS-485 232
Connector	MCBH 8P
Lights	8 LED, 180 Lum Cool White

### Environmental

Operating Depth	1,000ft (304m)
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### Temperature Range

Operating	0°C to +50°C 32° F to +122°F
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### Camera

Video Format	NTSC or PAL
Image Sensor	¼ EXView CCD
Min Illumination	0.5 Lux @ F1.2
Sensitivity	1 Lux
Resolution	700 TVL
HFOV	74°
DFOV	86°
Iris	Auto (A.E.S.)
Video Output	1.0V p-p
Gain Control	AGC
White Balance	3200 ~ 10000 °K
Signaling	Composite or Differential

### Mechanical

Housing Material	Epoxy Resin
Diameter	1.5" (37.5mm)
Length	3.9" (99 mm) with connector
Weight	0.33lbs (0.15kg)

*Design and Specifications are subject to change*