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.
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)

**Temperature Range**
- Operating: 0°C to +50°C
- 32° F to +122°F

**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: Composite or Differential
- 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