



Professional Solutions for Hazardous Area & Subsea Systems

SS420 Color Zoom Camera



Sidus Solutions' SS420 is a robust inspection tool equipped with instrumental functions not found in other models on the market today. At the heart of this powerful tool is a 550 TVL color camera module encompassing a 36x optical zoom lens, 12x digital zoom and a 1/4 in EXview HAD CCD imaging sensor. The SS420's design is compact making installation easy. Its power-packed features make operation painless and rewarding.

This modern camera permits electronic photographic images to be captured resulting in far better quality output than images captured from standard video grabber methods. Video output can be provided in NTSC, PAL. The SS420 possesses controllable features including iris, focus, mirror imaging and adjustable zoom and shutter speeds. Standard features such as auto focus and auto exposure can be overridden manually providing further control over the inspection process.

Sidus Solutions supplies complete turnkey inspection system equipment and services. Ask your representative today about other Sidus Solutions product offerings and services.

Specifications

Dimensions:	Diameter 4.0 in. / 102 mm
Length:	6.7 in / 170mm
Weight:	4.4 pounds / 2.0 kg (in air) 1.75 pounds / 0.8 kg (in water)
Housing:	Hard anodized aluminum
Connector:	Customer selectable
Operating Depth:	10,000 feet / 3,000 meters
Temperature:	-5° to +60° C (operating) -20° to +60° C (storage)
Field of View (Diagonal):	57.8° - 1.7° in air 43.4° - 1.3° in water
Resolution:	550 TVL horizontal
Sensor:	1/4 in. EXview HAD CCD
Sensitivity:	1.4 Lux @ f1.6
Signal Noise:	to 50 dB minimum
Power:	12 - 26 VDC - 300mA
Video Output:	Analog: Composite, 1.0 Vp-p (sync negative)
Communication:	Analog, RS232, RS422 or RS485

Design and Specifications are subject to change.

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