



SS403 Black & White Low Light Camera

Specifications

Physical:	
Dimensions:	Diameter: 1.5 in. / 38 mm Length: 5.3 in / 135 mm
Weight:	15 ounces / .43 kg (in air) 5 ounces / .14 kg (in water)
Housing:	Hard anodized aluminum
Connector:	Customer selectable
Operating Depth:	10,000 feet / 3000 meters
Temperature:	-10° C to +50° C (Operating) -20° C to +60° C (Storage)
Lens:	3.6mm fixed
Resolution:	420 TVL horizontal
Diagonal Field of View:	92° in air, 69° in water
Sensor:	1/3 in. interline transfer CCD
Sensitivity:	0.0003 Lux
Signal Noise:	to 50 dB minimum
Power:	11-13 VDC
Video Output:	1.0 Vp-p, 75 ohm



Design and Specifications are subject to change.

Sidus Solutions' SS403 black & white low light cameras are lightweight, robust inspection tools designed as low cost alternatives to other models on the market today. At the heart of this powerful tool is a low light sensitive, 420 TVL black & white camera module with a 1/3 in. interline transfer CCD imaging sensor. The video output is provided in EIA or CCIR formats, with a standard 3.6 mm lens that offers 92° diagonal field of view (FOV) in air and 69° diagonal FOV in water. Also available are a 6 mm (53°/40° FOV), 8 mm (40°/30° FOV), and a 12 mm (28°/20° FOV).

The SS403's design is compact and lightweight, making installation on a ROV ideal. The durable hard anodized aluminum housing and the scratch resistant sapphire window will provide years of quality service. The camera is ideal as a low cost replacement for the camera you now use. Subsea cables are expensive, the SS403's customer selectable connector offers savings and quick return to operation.

Sidus Solutions supplies complete turnkey and integrated inspection systems, customized to any specific need. Sidus is known for offering our customers flexibility and outstanding reliability, while also striving to enhance safety and security, and increase productivity. Ask your representative today about other Sidus Solutions product and service offerings.

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