



Professional Solutions for Hazardous Area & Subsea Systems

SS250 Pan & Tilt Device “Deep Blue”



Specifications

Dimensions:	
Height:	11.5 in. / 292 mm
Width:	9.7 in. / 246 mm
Depth:	5.1 in. / 137 mm
Weight:	22.9 pounds / 10.4 kilograms (in air) 13.5 pounds / 6.1 kilograms (in water)
Housing:	Hard anodized aluminum
Connector:	Customer Selectable
Operating Depth:	100 feet / 30 meters (air filled) 10,000 feet / 3,048 meters (oil filled)
Power:	24 VDC (15-30 VDC), 2.2 amp peak current each axis
Maximum Torque:	65 foot pounds (88 Nm) each axis
Rotation Speed:	Up to 35 degrees per second
Gear Backlash:	<3 arc minutes (0.05 degrees)
Scan Range:	360 degrees both axes 180 degrees tilt axis with yoke

Design and Specifications are subject to change.

Sidus Solutions' SS250 deepwater pan and tilt assembly is a powerful robotic positioning device. Within a small footprint, you are now able to position heavy loads with ease and high accuracy.

Like the SS109, the SS250 gains its dependability and ease of maintenance through integration of DC stepper motors, extremely low backlash harmonic drives and precision ball bearings into an unique modular motor assembly. This workhorse offers impressive torque ratings up 65 ft-lbs securely locked into the corrosion resistant , one-piece underwater housing.

The distinctive modular design, simplifies field repair to using only small hand tools. Modifications can be made to include feedback circuits and limit switches for applications where rotational information is vital.

Drive commands are available in analog or serial RS232, RS422 and RS485. Sidus Solutions supplies complete turnkey inspection system equipment and services. Ask your representative today about other Sidus Solutions product offerings and services.

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