



SS426 High Resolution, Low Light B&W Zoom Camera



Sidus Solutions' SS426 is a high resolution, low light sensitive zoom underwater camera system enabling visibility in conditions with a minimum illumination of 0.0001 lux. The system was upgraded as a result of breakthroughs in low light camera technology. Video output can be provided in EIA or CCIR formats and can be delivered over an internal, remotely adjustable long-line amplifier. Featuring a hard anodized aluminum housing, the SS426 has been designed to handle the demands of the most rigorous and prolonged industrial deepwater applications.

Specifications

Camera module	½" Interline transfer CCD image sensor
Number of total pixels	811(H) X 508(V)
Video output	1Vp-p 75 Ohms
Resolution	570 TV Lines (EIA/CCIR)
Minimum illumination	0.0001(F1.4)
S/N ratio	>50dB (AGC off)
Storage temperature	-20° C ~ +60° C
Operating temperature	-10° C ~ +50° C
Input Power	12 to 26 VDC - 400mA (max)
Lens Focal Length	8-80mm
Zoom	10X Optical
Angle of view	54° to 6° in water
Object Distance	2m ~ infinity in water
Iris Control	Manual
Focus	Manual
Housing	Anodized 6061-T6 Aluminum
Weight	9.8 lbs/4.5kg in air, 3.5lbs/0.9kg in water
Dimensions	4.4" Dia. x 11.1" Long (112mm x 282mm) (w/o connector)
Connector	Customer Selectable (Seacon is standard)
Operating Depth:	1,500 feet/500 meters

Design and Specifications are subject to change.

P O Box 420698
San Diego, CA 92142
 619.275.5533 phone
 619.275.5544 fax

P O Box 925006
Houston, TX 77292
 281.596.7568 phone
 281.596.7578 fax

info@sidus-solutions.com
www.sidus-solutions.com