SIDUS

SS446 HD Video Camera

Specifications

Electrical

Resolution	1080i or 720p (factory set) (2,000,000 pixels)
Sensor Type	CMOS
Video Output Type	HD-SDI
Power Input	12-24 VDC 300 mA max
Communication	RS-485, RS-232 or Analog
Connector	Seacon MIN-L 1 coax, 6 electric

Environmental

Operating Depth	Up to 10,000 ft (3000 m)
Operating Temperature	0˚C to +45˚C (+32˚F to +113˚F)
Storage Temperature	-20˚C to +60˚C (-4˚F to +140˚F)
Housing Material	Hard Black Anodized 6061-T6 Aluminum
Window Material	Optical Grade Acrylic

Optical

Lens	5.1mm to 51mm (F1.8 to F2.1)
Zoom	10X (Optical)
Field of View	4-43˚ diagonal in water
Aspect Ratio	16:9
Minimum Illumination	12 lux (F1.8) Gain +18dB
Focus	Autofocus and manual
Exposure (Iris)	Automatic and manual
White Balance	Automatic

Mechanical

Dimensions	3.4 in diameter x 7.0 in long (86mm x 177mm)
Weight in Air	6 lbs (3kg)
Weight in Water	3.5 lbs (1.8kg)

Optional Acessories

Mating Connector	MIN-L CCPL 1 coax, 6 electric
Mounting Cradle	905001305-05
HD Recorder	DVR 00936

Sidus Solutions' SS446 offers the latest in high definition camera technology in a compact package suitable for a variety of remotely operated vehicles (ROV) and other deep water applications. With a single connector and stunning video quality over a single coaxial cable, the SS446 makes for seamless integration into your system.

The SS446 feature a ruggedized aluminum housing and is rated for operation in depths down to 3000 meters. A graphical user interface is provided for remote control of the optical zoom, focus and exposure features. Take full advantage of the camera's potential by integration with an SS109 robotic positioner and recording on SD memory cards with the DVR 00936 HD video recorder.

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Design and Specifications are subject to change.