



Professional Solutions for Hazardous Area & Subsea Systems

# MUL

## SS400 HDR – IP Camera

PoE



DC Power



## Features

- ◆ 83° Underwater Diagonal Angle of View - No Perceptible Distortion
- ◆ Lightweight, Low Latency IP Streaming
- ◆ Full HD Resolution / 2 Mega Pixels
- ◆ 24 Hour Recording
- ◆ High Sensitivity, High Dynamic Range (HDR) Video
- ◆ ONVIF Compatible
- ◆ Power over Ethernet or 8-36 VDC Power
- ◆ Depth Rating: 500m

SIDUS supplies complete turn-key inspection systems equipment and services.

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System Supplier Project Management System Installation and Commissioning Complete System Integration Technical Documentation

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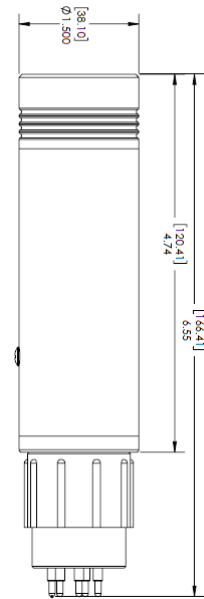


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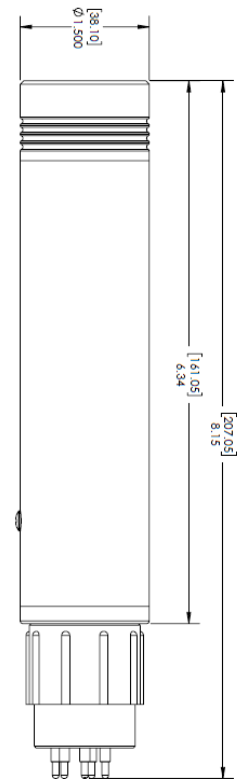


Specifications	
<b>Optical Specifications</b>	
Lens	1.8 mm, f/2.4
Focus	Fixed, 50 mm ~ infinity
FOV in Water	83°D x 75°H x 57°V
<b>Video Specifications</b>	
Image Sensor	1/2.7" CMOS Progressive Scan
Sensor Resolution	1920x1080, 1280x1024, 1280x960, 1280x720, 1024x768, 640x480, 320x240
Faceplate Illumination	0.0015 lux
Minimum Illumination	0.05 lux, f/2.4, 1/30 sec Sense-UP Off
Dynamic Range	120dB, True WDR
Noise Reduction	2D DNR, 3D DNR, HDR
Electronic Shutter	Auto (1/30~1/30,000), Suppress Rolling, Manual
Color Adjust	Bright / Contrast / Saturation / Sharp / Hue
White Balance	Auto (Indoor) / Auto (Outdoor) / Push / User
Signal to Noise	52dB
OSD Display	Text, Date, Time, Event, On/Off SMTP Time Server Supported
Image Mirror	Normal / Mirror (H) / Flip (V) / Both (HV)
<b>Interface Specifications</b>	
Supported Protocols	TCP/IP, UDP/IP, IPv4/v6, RTP, RTSP, RTCP, HTTP, HTTPS, FTP, DHCP, UPnP, ARP, ONVIF
Interface	Web Browser
Video Compression	H.264, MJPEG
Bit Rate Control	VBR, CBR
Bit Rate	H.264: 1~20 Mbps MJPEG: 1~50 Mbps
Latency	H.264: 200 mS Typical MPEG N/A
Video Streaming	Three Simultaneous Streams: 2x H.264 + 1x MJPEG Independent Frame Rate & Bandwidth Control
Max Frame Rate	30 FPS
Integrated Recording	HD MPEG Video, HD JPEG Stills
Onboard Memory	256 GB (SDHC) (512GB optional)
Configuration Settings	Google Chrome Browser Internet Explorer 11 or above (Active X) ONVIF Profile S
<b>Environmental Specifications</b>	
Depth Rating	500m
Operating Temperature	32°F ~ 122°F (0°C ~ +50°C)
Storage Temperature	-4°F ~ 158°F (-20°C ~ +70°C)
<b>Electrical Specifications</b>	
Voltage	Power Over Ethernet (IEEE802.3af) or 8~36 VDC Power Supply
Power	1.6W Typical, 2W Maximum
<b>Mechanical Specifications</b>	
Housing	Anodized Aluminum
Port	Sapphire (flat port)
Outer Diameter – Port	Ø1.50" [38.1mm]
Outer Diameter – Housing Tube	Ø1.50" [38.1mm]
Overall Length – PoE + DC Power / DC Power Only	8.11" [205.99mm] / 6.52" [165.60mm]
Weight in Air – PoE + DC Power / DC Power Only	.77lbs [352g] / .66lbs [299g]
Weight in Water – PoE + DC Power / DC Power Only	.47lbs [214g] / .41lbs [186g]
Connector	
Default	Subconn DBH8M or Seacon MCBH8M-ET

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