SIDUS Solutions

SS474 HD-SDI Subsea Camera

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Manufacturer / system supplier: SIDUS Solutions

Document type: manufacturer specification

Revision/date retained on manufacturer pages

Source checked: 16 September 2026

Applies to the named models and revision only. Housing, interface and performance differences must follow the individual model tables. Source discrepancies are recorded on the ROVITEC product pages; request the approved specification before integration.

Original manufacturer source

https://www.sidus-solutions.com/wp-content/uploads/2024/02/SS474-Product-Datasheet-1.pdf

Manufacturer pages follow unchanged. Local distribution copy.

ULTRA COMPACT HD CAMERA

SIDUS

Subsea Video Solutions

SS474 HD Camera

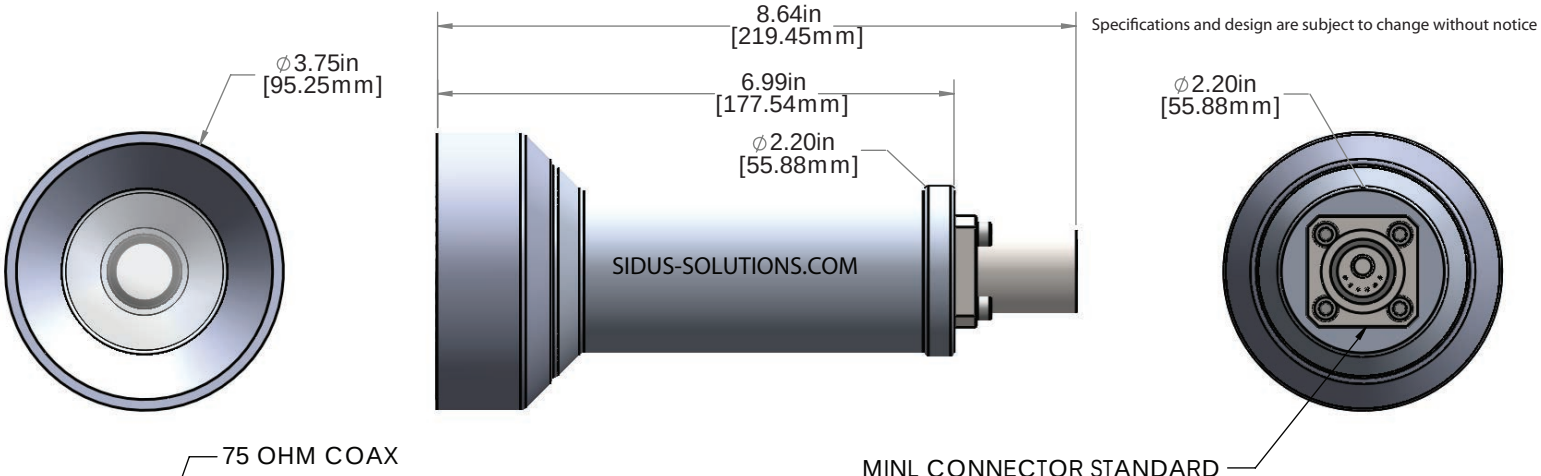


- HD-SDI (1080P) & Composite Video
- Optically Corrected Viewport
- 6000M Depth Rated
- Anodized Aluminum / 6L4VT TI
- Remote Camera Setting Over Serial Interface
- Ultra Compact Design (95.25mm D x 219.45mm L)

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SS474 SPECIFICATIONS:

Image Sensor	2.1 Megapixel, 1/3" SONY Exmor Color CMOS
Video Output Mode (HD-SDI)	1080p@30 fps, 1080p@25 fps, 720p@60 fps, 720p@50 fps
Video Output Mode (CVBS)	NTSC / PAL selectable
Effective Pixels (H x V)	1984 x 1105
Unit Cell Size (H x V)	2.8 um x 2.8 um
Lens	2.9mm or 3.7mm
Field of View	92° or 78°
S/N Ratio	More than 50dB
Min. Illumination	0.1 Lux
Shutter Speed	Auto / Manual
Min. Exposure Time	1/60,000 sec
Day & Night	Digital Day & Night
IP Rating	IP68 (6000m)
On-Screen Display (OSD)	Sidus Control Panel
Protocol	RS-485 or RS-232 user defined
BLC	On / Off
DNR	3D DNR
White Balance	Auto / AutoExt / Push / Manual
Privacy Masking	16 Zones
WDR	D-WDR
Digital Zoom	1X ~ 8X
Digital Slow Shutter	Off, 2x ~ 8x
Operating Temperature	14 °F ~ 122 °F (-10 °C ~ 50 °C)
Storage Temperature	-4 °F ~ 140 °F (-20 °C ~ 70 °C)
Power Consumption	9 - 32 VDC, 150mA
Dimension	Φ3.75 x 8.64 inch (Φ95.25 mm x 219.45 mm) Body Φ2.20 inch
Weight	2.75 lbs (1.25 Kg) in air.



PIN	SIGNAL
COAX	HD-SDI OUT
1	COMMON
2	+9 TO 32 VDC
3	-RS485/RX
4	+RS485/TX
5	CVBS VIDEO SHIELD
6	CVBS VIDEO SIGNAL

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