IM14-526 PYGMY HD-SDI

Applications

- Marine Renewables
- General Observations Tasks
- Pipe-lay and Stinger Operations
- Observation Class ROVs
- Work Class ROVs

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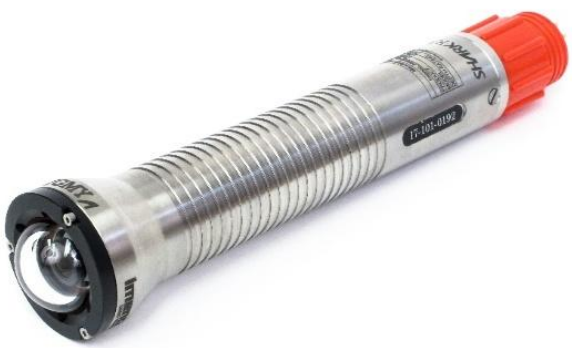

HD-SDI Wide Angle
Colour Camera
Fixed Lens

- 1080p@25/30fps*
- 115˚ Wide AOV
- 6000 msw Depth Rating

The IM14-526 Pygmy is a compact and versatile Wide-angle. HD-SDI colour subsea tooling camera offering excellent video quality with up to 800TVL resolution.

The IM14-526 Pygmy camera, which is rated for operations at 6000 metre water depth, is manufactured with a rugged titanium alloy housing and scratch resistant borosilicate glass port. At only 120mm long and 46mm in diameter the IM14-526 Pygmy is an extremely compact camera.

The IM14-526 Pygmy camera has been designed as a cost-effective option for tooling and manipulator tasks as well as general-purpose viewing applications such as gauge monitoring, TMS tether or latch monitoring.

For further information, email
camera.sales.uk@imenco.com

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Applications

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IM14-526 PYGMY Wide-angle HD-SDI camera

Technical Specifications

Performance & Electrical	
Video Resolution	1080p@25fps Standard *(30fps also available on request)
Video Format	3G HD-SDI
Minimum Scene Illumination	0.004 lux
Sensor	1/2.8" Progressive CMOS
Power Input	24 VDC, (4W)
Optical	
Lens	2.9mm, F2.0 fixed focus
AOV (In water)	Dome Port Horizontal: 98˚ Vertical: 60˚ Diagonal: 115˚
Front Port	Dome BK7
Mechanical	
Dimensions	Diameter:35.5mm (46mm widest point) Length:159mm (excl. connector)
Weight	In air: 0.6 Kg, In water: 0.4 Kg
Housing Material	Titanium alloy, 6AL/4V ASTM B348 Grade 5
Connector	SAIV 04-03 or SAIV 05-03 (other options available)
Environmental	
Operating Depth	6000 msw
Temperature	Operating: -5 to 40˚C Storage: -20 to 60˚C
Shock	30G peak acceleration, 25ms half sine duration, on all three axes
Vibration	10G, from 20 to 150HZ on all three axes
Electromagnetic Compatibility	BS EN 61000-6-3: 2007 Emission and BS EN 61000-6-1: 2007 Immunity

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