Applications

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

IM14-126 PYGMY SD

## High-Definition Wide Angle SD Colour Camera Fixed Lens

- 800 TVL
- 131° Wide AOV
- 6000 msw Depth Rating

The IM14-126 Pygmy is a compact and versatile Wide-angle SD colour subsea tooling camera offering excellent video quality with up to 800TVL resolution.

The IM14-126 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 IM14-126 Pygmy is an extremely compact camera.

The IM14-126 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
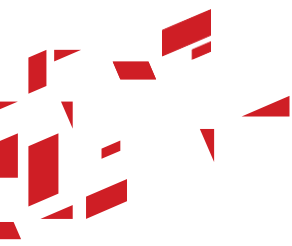
imenco
SMART SOLUTIONS

Applications

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

IM14-126 PYGMY Wide angle SD camera
Technical Specifications

Performance & Electrical	
Horizontal Resolution	800 TVL/PH
Video format	SD Composite video/16:9 aspect ratio
Minimum Scene Illumination	0.2 lux
Sensor	1/2.8" Progressive CMOS
Power Input	24 VDC,(4W)
Optical	
Lens	3.7mm, F2.0 fixed focus
AOV In water	Dome Port Flat Port Horizontal: 83.8° Horizontal: 62.7° Vertical: 45.6° Vertical: 38° Diagonal: 96° Diagonal: 72.6°
Front Port	Dome BK7
Mechanical	
Dimensions	Diameter: 46mm (widest point) Length: 120mm (excl. connector)
Weight	In air: 0.6 Kg, In water: 0.4 Kg
Housing Material	Titanium alloy, 6AL/4V ASTM B348 Grade 5
Connector	Seacon or Burton 5507-1508 (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

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

imenco
SMART SOLUTIONS