



iSea200™ Color Camera

Ultra Small & Light weight Video Camera for Commercial Divers, 300 meter depth rated



The Rovsco iSea200™ is a high resolution color camera based on the latest Sony CCD technology. Its light weight and small size makes it an ideal choice for commercial diver helmets. It provides high quality and clear video even at low light conditions. The camera is equipped with a wide angle lens to provide with an excellent coverage of the work site.

Available in PAL or NTSC.

Options:

Customer Specified Connector

Diameter: 24 mm (0.96 inch)

Length: 100 mm (3.95 inch) excluding connector

Features:

- Extremely light weight, 1.1 Oz (.05 kg) in seawater
- High Resolution, 550 TV Lines
- Excellent colors even in low light conditions, 0.01 Lux sensitivity
- Rugged, designed for offshore
- Small size, ideal for commercial divers

Applications:

- Diver Helmet
- ROVs Manipulator
- Homeland Security
- Harbor Surveyance



iSea200™

Ultra Small High Resolution Color Video Camera for Commercial Divers

Specification

Electronics

Image Device	Sony 1/3" ExView CCD
Sensitivity	.01 lux
Resolution	550 TV lines
Signal to Noise Ratio	>50 dB
Video Out	1.0 V p-p Composite
Voltage	12 - 30 VDC
Current	106 ma
Standard Connector	Subconn MCBH4M
	Pin 1 Ground (common)
	Pin 2 Power
	Pin 3 Video Out
	Pin 4 N/C

* Other connector options available

Optical

Lens Focal Length	3.6 mm, f1.4
Field of View	70 deg.
Focus	Fixed (4 inch to infinity)

Mechanical

Length	100 mm (3.95 inch) excl. connector
Diameter	24 mm (0.96 inch)
Housing	Black Delrin
Weight in air	5.28 ounce (0.15 kg)
Weight in water	1.1 ounce (0.05 kg)

Environmental

Operating Temperature	-10 deg C to +50 deg C
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Face View
of Camera
Connector

All specifications are subject to change without notice in line with Rovsco's policy of continued product development

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