

Camera HD



High definition camera

Camera HD is Ocean Robotics main ROV zoom camera with HD-SDI output, for all inspection purposes that require real-time HD monitoring and high quality digital video data handling.

The camera can be controlled through a variety of interfaces, to enable connection to most systems. Controls can be interfaced to a customer's system or controlled through the supplied GUI interface, deployable on any computer. The digital SDI output ensures that the highest quality video is available to the user.

The small size, with a virtually weightless camera in water, makes it possible to use this camera on any subsea equipment. User settable addressing enables up to 4 cameras in the ORI range to be deployed on the same serial link system (CAN/RS485) without any software changes.

Technical Specification

Picture sensor: 1/2.5" CMOS

Resolution: 530 lines

Light sensitivity: 0.35 lux - 6lux at full HD 30p

Zoom: 10x optical

Focus: Auto/Manual

Focusing distance: 10mm to infinity

Camera control: CAN/RS232/485/Analog

Video: HD-SDI, Composite

Power: 10-36VDC, 4W

Dimensions: Ø105mm, L 120mm

Weight: 1000g in air, 0g in water

Depth rating: 500m (3000m option available)