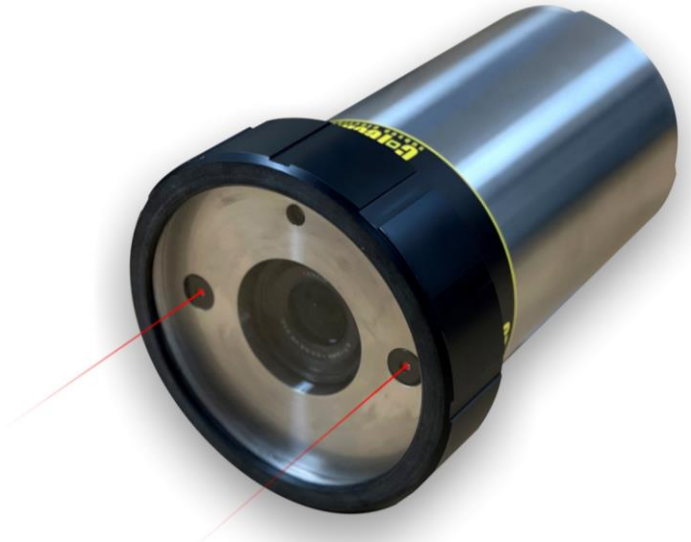


## Technical Specifications

Image Resolution:	20MP (5472 x 3648)
Sensor:	1" CMOS
Lens Focal Length:	8mm fixed
Angle of View:	68° in water
Flashgun Control:	Auto or manual
Visual Reference:	Via SD video feed
Lasers:	Red, Dual Vertical Line, 100m spacing
Internal Memory:	256GB standard, up to 4TB (optional)
Modes:	Video, Stills, Video+Stills
Power Input:	12-24V DC
Power Consumption:	1A
Control:	RS232, RS485
Diameter:	130mm (150 at bezel)
Length:	240mm (excl. connector:
Weight:	10.75Kg (air) / 7.47Kg (water)
Housing Material:	316 Stainless Steel
Viewport Material:	Optical grade cast acrylic
Depth Rating:	1000m
Connector:	5506-1508 (camera) 5506-1608 (flash)



Part No: **CT3023**

## **HD Simultaneous Video and Stills Camera with Dual Lasers**

The CT3023 SLV System (Stills, Laser and Video) is capable of recording High-Definition (HD) video whilst also offering the ability to also take full resolution stills images, without interrupting the video recording.

There is a live SD video feed that can be used as a visual reference by the operator, the HD video and stills are recorded locally on internal memory.

Once the deployment has finished, all video recording and still images can be easily downloaded via a USB connection. The SLV System also has in-built line lasers set at 100mm apart for scaling. Controls are through RS232/RS485 connection via software.

**Applications: ROV – Survey – Marine Scientific**

**Video Recording Resolution Selectable:**

1080/60p 1920 x 1080p Full HD @ 60fps

1080/30p 1920 x 1080p Full HD @ 30fps

4K/15p 3840 x 2160p @ 15fps

720/60p 1280 x 720p 'HD Ready' @ 60fps

720/30p 1280 x 720p 'HD Ready' @ 30fps

**Stills Resolution Selectable:**

Aspect Ratio: 3:2 – 5472 x 3648 pixels

Image Capture: RWA, JPEG, RAW+JPEG

Stills Resolution while recording: 5472 x 3648  
(JPEG only)

