

## SYSTEM HIGHLIGHTS:

- » Remote camera system
- » Mountable in many configurations
- » Composite video feed
- » Common power requirements
- » Depth rating: 500 feet



## STINGRAY ROV SYSTEM

The Stingray ROV system uses patented technology to help see in most zero visibility conditions. The Stingray increases efficiency and safety by allowing Darkwater Vision technology to be deployed remotely on an ROV.

The Stingray system comes with a mounting bracket that can easily be affixed to a flat surface. The camera and lights can also be separately mounted to fit in different configurations if necessary.

With common power and video specifications, the Stingray can be integrated into most ROV systems for video/power into a single tethered umbilical.

### System Includes:

- (1) Stingray Camera
- (2) IR Lights
- (1) Mounting Bracket
- (1) 2 Meter Power/Video Cable

### Options Available:

- Depth sensor
- AxVIEW Portable Surface Monitor
- AxDDM Software for data overlay and recording
- Additional IR lights

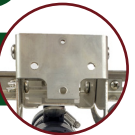
Delrin and Aluminum housing



Power-efficient lighting



Multiple mounting capabilities



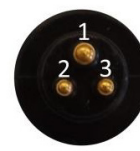
### Pinout:

#### BIRNS MCBH5M



- 1 : GND
- 2 : Video signal
- 3 : +12 VDC
- 4 : Data A
- 5 : Data B

#### BIRNS XSG-3-BCL



- 1 : 24 VDC
- 2 : GND
- 3 : Dimmer

## TECHNICAL SPECIFICATIONS

### Stingray Camera

Housing:	Delrin
Signal Format:	NTSC or PAL
Camera Resolution:	720p
Voltage (VDC):	12-24 (+/- 10%)
Current:	120 max

### Stingray Lights

Housing:	Anodized aluminum housing with Delrin Head
Power:	30 Watts
Voltage:	24 VDC
Depth Rating:	500 Feet / 150 Meters

### Dimensions

Light:	L 5.25" x D 2.4"
Camera:	L 4.1" x D 2.4"

### Weight

Total System Air:	5.0 lbs
Total System Submerged:	3.2 lbs
Camera Air:	2.0 lbs
Camera Submerged:	1.8 lbs
Light Head Air:	1.1 lbs
Light Head Submerged:	0.7 lbs