

CC1 – Camera System Controller



Product Description

The MarineSitu CC1 camera system controller allows for easy integration and synchronization of one or two cameras and up to 8 high-power LED lights. The auxiliary port allows for integration with other instruments, such as a pan/tilt motor, sonar, hydrophone, or ADCP. Key features are included to ensure survival without corrosion while maintaining a simple and elegant design to reduce system cost. When combined with the MarineSitu C1 cameras, L1 high-power LED lights, and Vision image acquisition and data processing software, the system is highly configurable to meet the most demanding applications.



Benefits

- Proven design for long-term deployment survival
- Low-cost and user-friendly for simple system integration
- Modular design for mono or stereo applications
- Support for up to 2 cameras and 8 lights
- System health monitoring with temperature and humidity



Applications

- Long-term deployments
- Marine energy monitoring
- Fish passage monitoring
- Aquaculture
- Underwater vehicles and docking stations

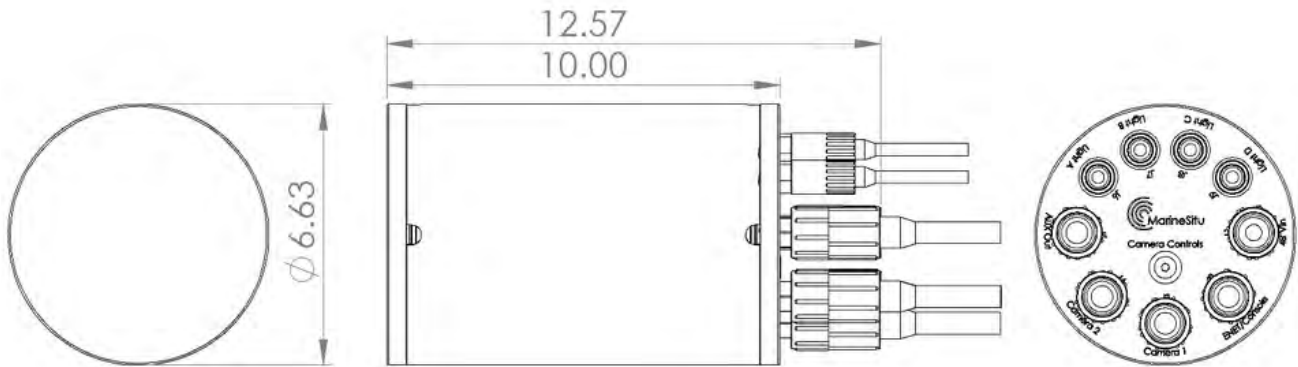


Features

- Power switching and monitoring on all output channels
- Up to 10 Gigabit bandwidth
- Corrosion-resistant plastic housing
- Double o-ring seals with monofilament retainer
- SAE-4 standard vent port
- Power indicator LED on back



Technical Specifications



Electrical	Voltage	Allied Vision GigE Ser48 VDC input and output for lights, 12 VDC output for cameras and aux connectors
	Power	
	Health Monitoring	Internal temperature, humidity, and output channel current monitoring
	Comms	GigE Ethernet
	Trigger Lines	I/O for stereovision, light control, and instrument synchronization
	Bandwidth	1 Gigabit standard; options include up to 10 Gigabit
Mechanical	Housing Materials	PVC plastic cylinder, acetal endcaps
	Ports	Input power and comms, 2x camera outputs, 1x aux output, 4x light outputs
	Connectors	SubConn 13-pin power and Ethernet and 6-pin microcircular
	Vent Plug	SAE-4
	Depth Rating	100 m
	Weight in Air	
	Weight in Water	

MarineSitu is here to help with your next mission.

Please contact us for more information about our products and services.