



Light & Camera Controller Unit

innova.no

Part number: 5018319

The Light & Camera Controller Unit is a subsea atmospheric canister for distribution and control of lights and cameras. In total, the unit can handle 8 lights and 2 cameras.

The unit contains a battery to provide backup power in case of power loss. It automatically enters failsafe mode. A battery charger is integrated in canister. Battery can power 4 lights at 50% power in minimum 2 hours.

A laptop is delivered with a graphical user interface, providing user friendly operation for controlling lights (on/off and brightness), turning the system on and off and monitoring video from cameras.

Key features

- 8 lights and 2 cameras
- Backup battery and battery charger
- Graphical user interface included
- Multiple videosignal over single coax line
- Pressure relief valve
- Field proven
- Outputs can be isolated from topside
- Easy adjustable to customer needs:
 - 4 cameras
 - Both analogue and digital camera

ENVIRONMENTAL DATA

- Design life (maintainable): 20 years
- Continuous submerged operation: 6 months
- Transportation temperature range: 0 °C to 45 °C
- Operation temperature range: 2 °C to 16 °C
- Storage temperature range: 0 °C to 30 °C

ELECTRICAL

- Power input Control Canister: 480 VAC 60 Hz 1 phase
- Light and camera output: 24 VDC
- Communication: Serial (RS485)

MATERIALS, DIMENSIONS AND WEIGHT

- Diameter: 300 mm
- Length: 700 mm
- Weight in air: 75 kg
- Material: Hard anodized aluminium

