



# Light & Camera Controller Unit

[www.innova.no](http://www.innova.no)

**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

## MATERIALS, DIMENSIONS AND WEIGHT

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

## ELECTRICAL

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

