

Time lapse digital stills and 4K/HD video clips

This autonomous subsea imaging system is used to capture time lapse HD and 4K videos and high resolution digital stills without real-time control.

The subsea camera is programmable and runs scripting via our open-source API. It can operate on batteries, drop frames, and AUV systems. For years, our customers have been deploying these solutions up to 6000m on simple wire winches, eliminating the need for expensive cabling and infrastructure. It can be used for different marine research purposes such as coastal research, benthic studies, marine observation, and many others.

1



Battery 259

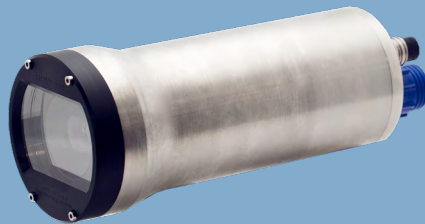
TA high-capacity Lithium-Ion based battery module that enables stand-alone operation of equipment in deep-water hazardous environments.

The Battery 259 is UN38.3 certified, making it eligible to ship via cargo plane. Custom outputs and connectors are also available.

To keep equipment safe, the battery includes over charge, over discharge, over drain, and short circuit protection. There is a built-in on/off charge switch for simple deployment and it includes a charging box with status display.

**Alternative batteries options are available upon request and dependent on you application needs

2



High-Quality Cameras

With its proprietary water-corrected LiquidOptics, rugged build, and versatile features, SubC's low-latency cameras are purposely built to withstand severe marine environments. Consistently providing uncompromising 4K and HD video and imaging quality, SubC cameras deliver live HD over Ethernet or coax, and live 4K over fiber optics.

All cameras and accessories are certified to 6000m of water.

3



Lights & Lasers

SubC's LEDs and lasers are widely used in diverse subsea applications by marine researchers across the globe.

Our LEDs and lasers are compatible with subsea ROV, observatory, drop, tow, and battery-deployed camera systems. Both products are software controlled and are easily be integrated into our camera systems.

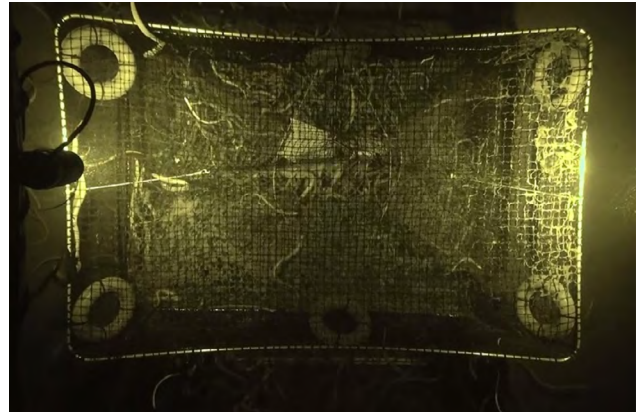
Case Studies

Selective Fishing for White Hake Using Newfoundland and Norwegian Style Pots

Philip J. Walsh and Rennie Sullivan

Memorial University

This study utilized SubC cameras, batteries and far-red LEDs to capture footage of species in a more natural state. Deepwater species lack red cones in their eyes.



First estimates of Greenland shark (*Somniosus microcephalus*) local abundances in Arctic waters

Brynn Devine and Laura Wheeland

Fisheries and Marine Institute

A SubC camera and LED were included in a Marine Institute study of one of the longest living species of shark.

Canadian Science Advisory Secretariat (CSAS) Overview of the biophysical and ecological components of the Labrador Sea Frontier Area

David Cote et al.

Department of Fisheries and Oceans Canada (DFO)

A SubC camera was used to film the required footage and related data for analysis.

