

# Powerline Ethernet (PLE)

enabled with 

## A coastal water, low-cost, high-performance solution

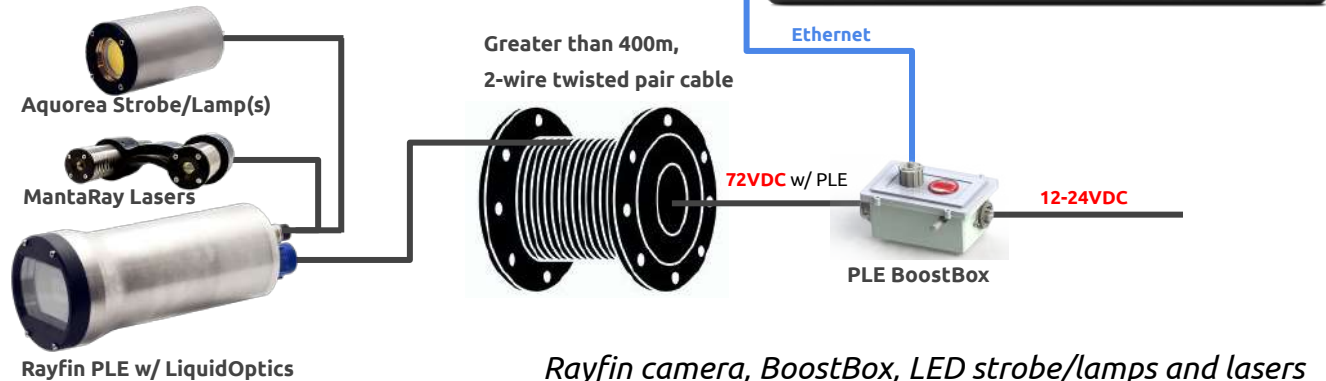
*Real-time video over twisted pair cable while recording 4K and high-resolution digital stills*

### Key Features

- Works with long, low-cost cables
- 21MP digital stills (JPEG and RAW) with LED strobe synchronization
- 4K and HD video clips stored to 512GB solid state memory
- Real-time HD video to surface
- Built-in depth, tilt and roll sensors
- Video, image and data time-stamped events with report generation
- Real-time [image enhancement](#) (for water conditions with poor visibility)

### Applications

- Towed camera platforms
- Observation Class ROV upgrades
- Shallow-water coastal observatories
- Fishing trawl monitoring



*Rayfin camera, BoostBox, LED strobe/lamps and lasers*  
For more information visit <https://www.subcimaging.com/drop-tow-camera>

**Updated: 2020-03-16**



# High-Resolution data for studies

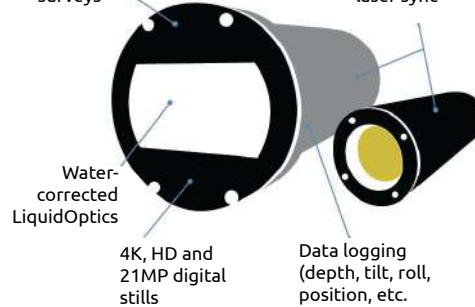
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*Real-time video transmission while recording 4K and high-resolution digital stills*



Time-stamped events during surveys

Aux ports: LED strobe and laser sync



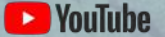
[Inshore Multi-Species Marine Fisheries Resource Assessment of Waters Adjacent to Kimmirut, Nunavut](#)

*Scott M. Grant, Philip Walsh, Margaret Folkins, Kirk Regular and Manasie Kendell, Government of Nunavut*

**Fisheries and Marine Institute**

This study utilized SubC cameras, lights and batteries on a rugged towed camera sled to collect footage of seafloor species.

**Hawaii Lava Tube Study**



Three types of lava flows are common on the seafloor: pillow lava, lobate lava, and sheet lava. Scientists believe the main difference between the shapes of submarine lava results from how fast the lava erupts from deep-sea fissures and how steep the seafloor is that the lava travels over.

**Wood Hole Oceanographic** used SubC cameras to film Lava Tubes in Hawaii.