



The ROV Pollux III is an observation class ROV fitted with an HD polyethylene frame and equipped with 4 electrical thrusters.

The main ROV camera is installed within the POD on a dedicated support that enables a tilt angle up to 160°. The system can transmit 2 video signals at the same time from a maximum of 4 sources.

The onboard software includes the following functions:

- auto-heading and auto-depth
- compass and depth sensor calibration
- video equalization
- On Screen Display (OSD) + clock
- data export through RS232 and USB interfaces (the exported data varies based on customer requests)

## System Specifications

Depth rating (m)	300
Length (mm)	910
Height (mm)	560
Width (mm)	660
Weight in air (kg)	80
Payload (kg)	5
Forward thrust (kgf)	20
Reverse thrust (kgf)	15
Side/Vertical thrust (kgf)	8
Umbilical length (m)	300

## Standard System Equipment

- Autodepth / Autoheading with electronic compass and angular velocity sensor - Trim on X and Y axes
- Navigation sensor - fluxgate compass and electronic depth sensor
- Colour video camera CCD 1/3" Sony - Resolution 450 lines - min scene illumination 0.2lux - Lens 2.8/12 Autoiris CSS - Manual zoom
- Lights - 2 variable power 8 led lamps (max 20W each lamp)
- Waterproof suitcase with LCD 15" monitor or Hand Control Unit and Rack mounted Power Supply Unit
- Thrusters - 4-24V brushed thrusters (2 longitudinal + 2 vectored vertical 50°) pressure compensated

