



## Iver2 AUV Accessories

### Handheld Remote Controller

#### Data Sheet

The Iver2 Remote Controller is designed to simplify the field operation of an Iver2 AUV. The handheld unit allows a user to operate many basic functions without the need of a Laptop and Wi-Fi access point in the field. The simple touch screen based controller gives users more freedom to operate the vehicle and manage field operations seamlessly. Once the intended set of missions are planned and placed onto the AUV, the stand alone controller can load, start and stop missions, look at instruments and manually drive the AUV for launching or retrieving. The wireless controller provides excellent surface range and automatic "drive to me" feature.



#### Basic Features for Handheld Remote Control

- Compact handheld design
- Allows quick AUV launching and retrieval
- Longer radio range than Wi-Fi (3x plus)
- 2.4 GHz telemetry radio
- Faster radio connection than Wi-Fi
- Control numerous AUV's with one controller, with quick switching
- Load, start, stop missions
- Intuitive control scheme
- Joystick controls for manual surface driving
- 'Drive To Me' function (integrated GPS)
- View critical AUV instruments
- 5 hour continuous run-time (Rechargeable Battery)
- 3 hours to charge via 6V DC supply or 5 hours to charge via USB 2.0 port

#### Storage Case

- Plastic Weather Proof Storage Case with Power Supply

# Handheld Remote Controller

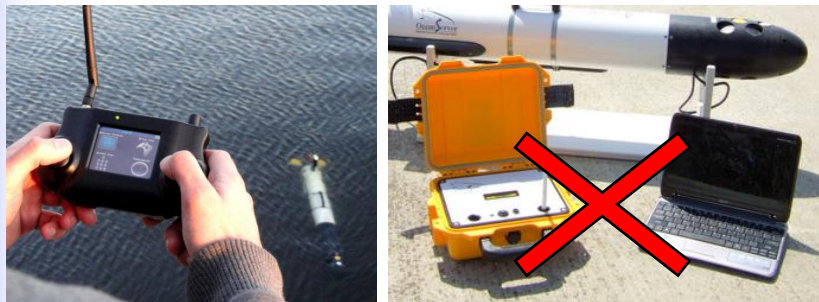
## Top Level View



## Instrument View



## Mission Control



The Remote Controller gives users the freedom to leave the Iver Wi-Fi Access Point and notebook computer safely out of the weather and in the office after the mission has been planned and placed on the vehicle. The Controller has the ability to operate all of the critical AUV operations in the field.

## Mission Selection



## Manual Control



2.4 GHz Telemetry Radio

