

Deep Sea View

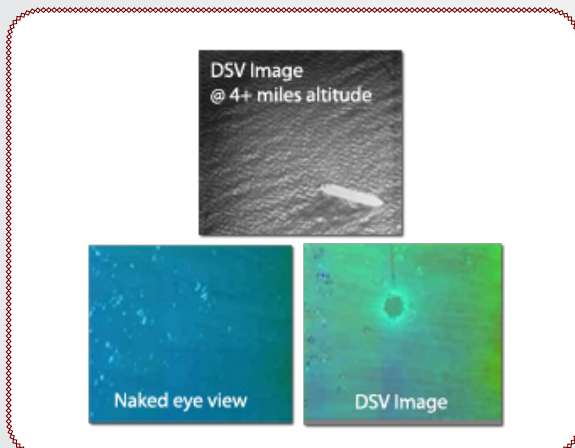
BACKGROUND INFORMATION

Deep Sea View (DSV) is an Electro Optical (EO) system for locating surface and semi-submerged objects in coastal waters and open oceans from aerial platforms. This is achieved by:

- Digitizing the output of the custom sensors
- Applying signal and image processing algorithms

Advantages

- Detection of low contrast objects on or below the surface of water
- Deployed from aircraft, helicopters and UAVs
- Intelligence Surveillance and Reconnaissance
- Detection of semi-submerged flotillas
- Stealth – based on passive sensors
- Open architecture – easy to integrate
- Small footprint
- Light-weight
- Low power



Specifications

Sensor

- Dimensions
8" X 5" X 4"
- Weight
7.0 lbs (w/50 MM lens)

Rugged Laptop

- Dimensions
11" x 13" x 5"
- Weight
16 lbs

Options

- Various lens based on potential operating platform
- Algorithms, based on potential operating environment