



SeaArray

The ultra high definition photogrammetry system for sites measured in acres.



Partnering with the National Park Service Submerged Resources Center, SeaArray was designed to pioneer a new standard of digital 3D models. Using the newest Nikon mirrorless camera, the award winning Z7, the SeaArray system is capable of capturing over 10,000 45MP images per hour when operating in simultaneous mode.

When mounted on a UPV, the point cloud generated by SeaArray is scaled for macro research with the minute detail of micro research. SeaArray is a revolutionary tool for underwater archeology, bathymetry and biology.



Controller

SeaArray is powered and controlled through Marine Imaging's universal underwater camera controller.

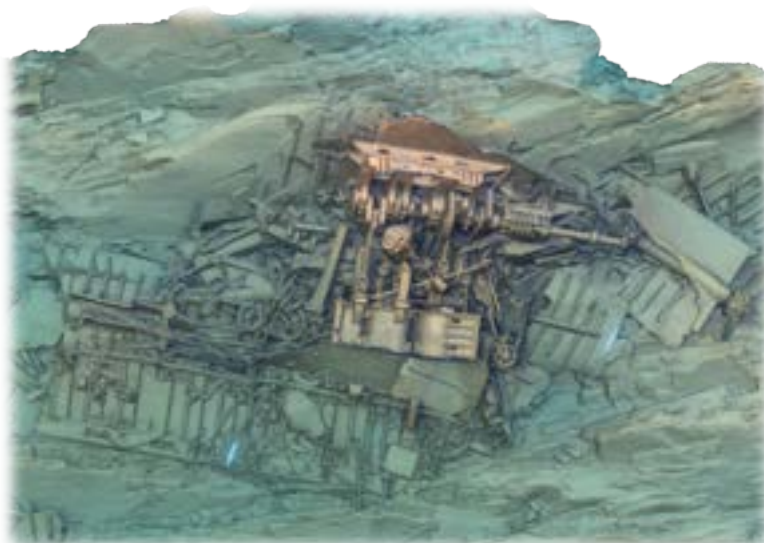
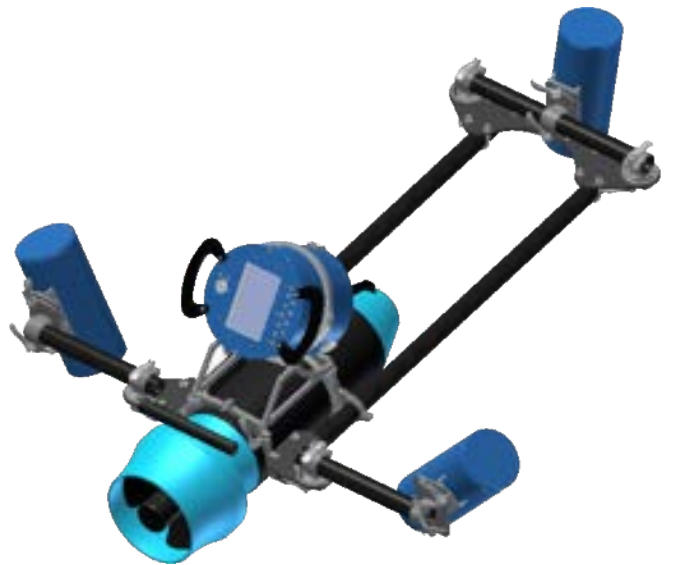
- **Multiple Camera Control**
- **Real Time Monitor with Selectable Input**
- **ISO Control**
- **F-Stop Control**
- **Shutter Control**
- **Nikon and Sony Compatible**
- **Independent Image Capture**
- **Nauticam Leak Detector**



Software

Proprietary software designed to simultaneously control multiple Nikon cameras.

- **Sequential or Simultaneous Image Capturing**
- **Customizable Capture Rate**
- **Synchronize Camera Settings**
- **Battery Life Indicator**



Courtesy of NPS Submerged Resources