



The ISE Subsea Antenna offers a complete **surface communication** solution for underwater vehicles in a single compact hydrodynamic package. It is constructed from aluminum and impact resistant polymer to withstand abuse. Underwater bulkhead connectors allow for **quick field servicing and replacement**.



APPLICATIONS

- AUVs and other underwater vehicles
- ASVs
- Buoys
- Surface Vessels
- Hazardous Environment
- Scientific Research

CONFIGURATIONS

- **WiFi + GPS + Iridium P/N:** CM9999-600-00-XX
- **Connector Type and customizations** available upon request

SPECIFICATION

- **Depth Ratings:** 3000m - *Optional 6000m
- **UHF WiFi (Radio):** Bandwidth: 2.4—2.5 GHz
Gain: 4 dBi
Polarization: Vertical
- **GPS (Active):** GPS/QZSS-L1/L2, GLONASS-G1/G2/G3, Galileo-E1/E5b, BeiDou-B1/B2
Gain: 26 dB
Polarization: RHCP
Voltage: 2.5—16 VDC
Current: 12mA

- **Iridium (Passive):** Bandwidth: 1616—1626.5 MHz
Gain: 4.25 dBic
Polarization: RHCP

- **Bulkhead Receptacle:** HF Coax or Ametek CRA2154

- **Temperature:** -40 to 85°C

- **Weight:** 1.0 kg (in air)
0.5 kg (in water)

