



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
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- **Connector Type -XX:**
  - 01 Teledyne DGO
  - 02 SubConn HF
  - 03 Ametek

## SPECIFICATION

- **Depth Ratings:** 6000 m\*
- **UHF Wifi (Radio):** Bandwidth: 2.4—2.5 GHz  
Gain: 4 dBi  
Polarization: Vertical
- **GPS (Active):** L1 and SBAS (WAAS, EGNOS & MSAS)  
Bandwidth: 1574-1606 MHz  
Gain: 28 dB  
Polarization: RHCP  
Voltage 2.5—16 VDC

\*Tested to 6600 msw

- **Iridium (Passive):** Bandwidth: 1605—1635 MHz  
Gain: 4.25 dBic  
Polarization: RHCP
- **Connectors:** SubConn HF Coax, Teledyne DGO 110, Ametek  
SCP Coax
- **Temperature:** -40 to 85°C
- **Weight:** 1.0 kg (in air)  
0.5 kg (in water)

