



## HyperOCR Radiometer

**Product #:**

**HYPEROCRRADIOMETER**

**USD Price:**

Contact Sea-Bird

Hyperspectral ocean color radiometer (HOCR) sensors are designed for applications where performance, size and power are key constraints. HOCRs can be mounted on real-time profilers, moored on autonomous deepwater buoys, installed in autonomous underwater vehicles, as well as on ships and airplanes for above-water optic applications. HyperOCR sensors are fully digital optical packages, providing 136 channels of calibrated optical data from 350–800 nm.

### Features

- Irradiance and radiance radiometers for in-water and in-air applications
- Fully characterized cosine response
- Integrated shutter for accurate dark correction
- Networking capability
- Data collection and processing software included
- Optional Bioshutter anti-biofouling solution

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### Specifications

Depth Rating:	250 or 300 m
Detector:	256 channel
Field-of-View:	Radiance: 8° in water; Irradiance: Cosine response
Input Voltage:	9–18 VDC
Length:	Radiance: 31.9 cm; Irradiance: 35.8 cm
Spectra:	Radiance or Irradiance
Spectral Accuracy:	0.3 nm
Spectral Bandwidth:	10 nm
Spectral Sampling:	3.3 nm/pixel
Wavelength Range:	350–800 nm
Weight in air, water:	1.2 kg