



## Photosynthetically Active Radiation (PAR) Sensor

**Product #:**

**PHOTOSYNTHETICALLYACTIVERADIATIONSENSOR**

**USD Price:**

Contact Sea-Bird

From limnologists and oceanographers to plant and crop physiologists, scientists trust PAR sensors to provide superior data quality and rugged construction to withstand harsh field conditions

Sea-Bird Scientific's PAR sensors measure quantum irradiance with near flat spectral response and cosine spatial response. Cosine collectors for in-air and in-water measurements, housings for depth ratings to 7000 m, and digital and analog data output options, support integration of the PAR sensor in instrument packages for a range of deployment conditions.

The analog voltage signal output options enable the PAR sensor to be integrated with Sea-Bird Scientific CTD platforms and other terrestrial scientific data loggers with analog signal inputs. The logarithmic scale option is used for integration with CTDs for profiling applications where higher signal resolution is required at low light levels. The linear scale option is suited for high light conditions such as in-air.