



Description

Radiation sensor that measures the light used for photosynthesis (PAR, 400 to 700 nm). Communicates via RS485.

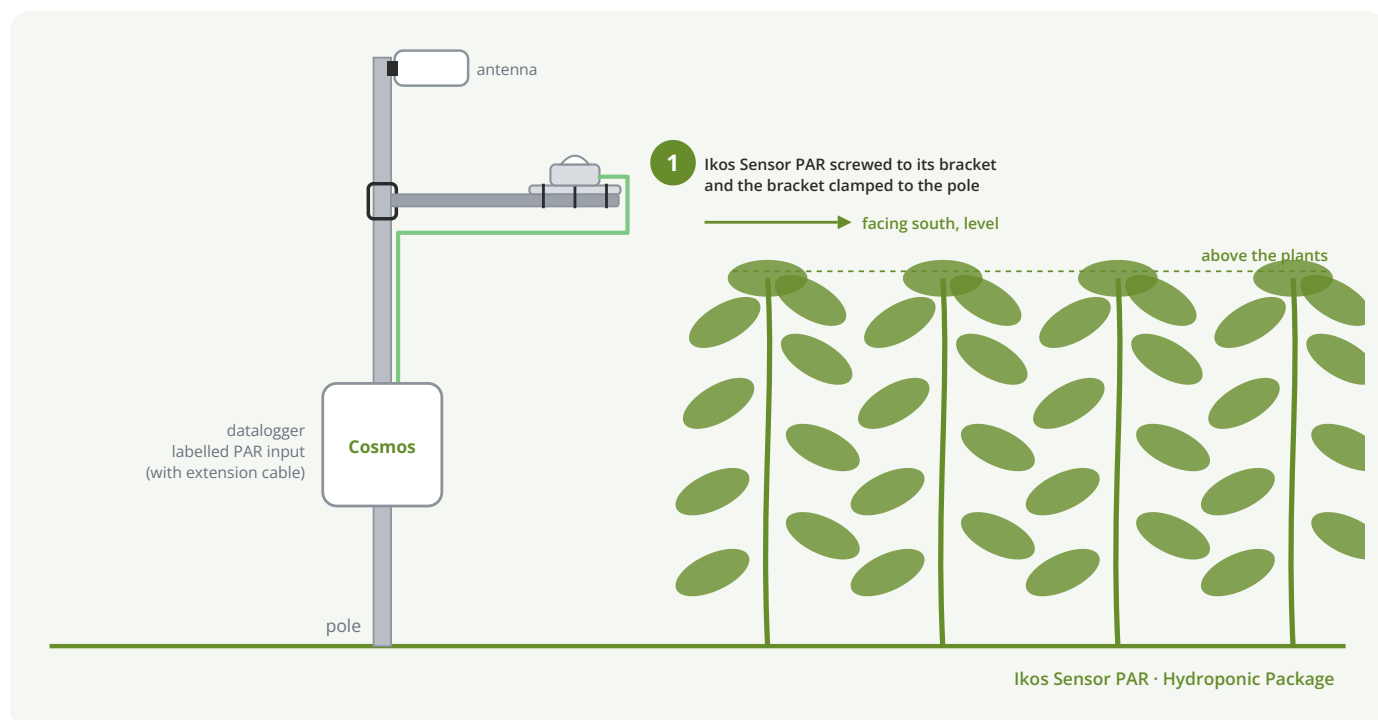
Features

- Spectral range from 400 to 700 nm.
- Measures from 0 to 2500 $\mu\text{mol}/\text{m}^2\cdot\text{s}$.
- Aluminium housing with Teflon ring.

Technical specifications

Spectral range	400 – 700 nm
Resolution	$\pm 5\%$
Output signal	RS485
Measuring range	0 – 2500 $\mu\text{mol}/\text{m}^2\cdot\text{s}$ · 0 – 2000 W/m^2
Working range	$-40 \sim 80\text{ }^\circ\text{C}$ · Humidity 0 – 100 %
Material	Aluminium housing with Teflon ring

Installation



- Screw the sensor base to its bracket and clamp the bracket to the pole, above the plants, facing south and free of shade.
- Connect it with its extension cable to its labelled input on the Ikos Cosmos datalogger.

Packages that include it

PACKAGE	UNITS AND POSITION
Hydroponic Package (Cosmos)	1 unit · on its bracket, on the datalogger pole