











# KIPP & ZONEN SMP10 | PYRANOMETER

## OUTPUT: RS485

### SENSOR WIRING TABLE

Sensor Model	Sensor Pin		Manufacturer Cable Colors		Orbit 360		
					Section	Terminal	Type
	4	Data +		Yellow	RS485		A
	5	Data -		Grey	RS485		B
	7	Vcc		White	RS485		*(+)
	8	GND		Black	RS485		(-)
	Shield		Shield		Power Input		

**Note:** \*(+) = Bat+ with current limited (200mA). Only 1 sensor must be powered.  
This sensor has to be preconfigured before it is configured in Atlas software.

### REQUIRED DATA LOGGER VERSION

Minimum data logger required: **ORBIT 360 PREMIUM.**

Minimum **firmware** required: **2.41.**

### HOW TO CONFIGURE IN ATLAS

Start Atlas and open the data logger you are working on. Now go to *Site settings* and scroll down to the *Channels* section and select the following type and model. The variables from the digital output signal can be chosen (or assigned) to either a frequency or an analog channel on the Orbit 360 Premium according to the list here below.

#### Example:

Serial bus 1 baud rate: 9600bps

Bus: Serial 1 >>> ID: A >>> Sensor model: Pyranometer SMPxx>>> Name: SMPxx\_SERIAL2\_A\_SERIAL1\_A

- Group: Analog channels
- Sensor Type: Serial device
- Sensor Model: **SMPxx\_SERIAL2\_A\_SERIAL1\_A**
  - Sensor Model: **Global radiation**

**Important!** Please make sure you are working with the latest version of Atlas. To check for new updates click the *Check for updates* button in the left-hand menu located in the main dashboard.

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or visit our website [www.kintech-engineering.com](http://www.kintech-engineering.com)

