SENSOR WIRING TABLE

Sensor Model	Sensor Pin		Manufacturer Cable Colors		Orbit 360		
					Section	Terminal	Type
 SR30	RS_A	RS485 (A)	○	White	RS485	33 37 41	A
	RS_B	RS485 (B)	●	Orange	RS485	34 38 42	B
	(+)	Vcc (+)	●	Brown	Power Input	+	
	(-)	GND	●	Black	Power Imput	(-)	
	Shield		●	Yellow	Power Input	⏚	

Sensor Model	Sensor Pin		Manufacturer Cable Colors		Orbit 360		
					Section	Terminal	Type
 SR20-D2*	RS_A	RS485 (A)	○	White	RS485	33 37 41	A
	RS_B	RS485 (B)	●	Green	RS485	34 38 42	B
	(+)	Vcc (+)	●	Red	RS485	36 40	*(+)
	(-)	GND	●	Blue	RS485	35 39	(-)
	Shield		●	Black	Power Input	⏚	

Note: **(+) = Bat+ with current limited (200mA).*
SR20-D2* (RS485 output model): *is configured in the same way as SR30 in Atlas software.*

HOW TO CONFIGURE IN ATLAS

Open Atlas and go to the data logger you are working on. Scroll to the “channels” section andset the information related to this sensor. **This sensor has to be preconfigured then its configuration should be set up in Atlas.**

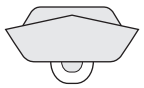
Example:

Serial bus 1 baud rate: 9600bps

Bus: Serial 1 >>> ID: A >>> Sensor model: SR30 pyranometer >>> Name: SR30 pyranometer_SERIAL1_A

- Group: Analog channels
- Sensor Type: Serial device
- Sensor Model: **SR30 pyranometer_SERIAL1_A**
- Sensor Model: **Global radiation**

SENSOR WIRING TABLE

Sensor Model	Sensor Pin		Manufacturer Cable Colors		Orbit 360		
					Section	Terminal	Type
 Global Radiation	RS_A	RS485 (A)	○	White	RS485	33 37 41	(-)
	RS_B	RS485 (B)	●	Orange	RS485	34 38 42	Signal
	(+)	Vcc (+)	●	Brown	RS485	36 40	*(+)
	(-)	GND	●	Black	RS485	35 39	(-)
	Shield		◐	Yellow-Green	Power Input	⏚	
 Reflected Radiation	RS_A	RS485 (A)	○	White	RS485	33 37 41	(-)
	RS_B	RS485 (B)	●	Orange	RS485	34 38 42	Signal
	(+)	Vcc (+)	●	Brown	RS485	36 40	*(+)
	(-)	GND	●	Black	RS485	35 39	(-)
	Shield		◐	Yellow-Green	Power Input	⏚	

Note: **(+) = Bat+ with current limited (200mA).*

HOW TO CONFIGURE IN ATLAS

Open Atlas and go to the data logger you are working on. Scroll to the “channels” section andset the information related to this sensor. **This sensor has to be preconfigured then its configuration should be set up in Atlas.**

Example:

Serial bus 1 baud rate: 9600bps

Bus: Serial 1 >>> ID: A >>> Sensor model: SR30 pyranometer >>> Name: SR30 pyranometer_SERIAL1_A

- Group: Analog channels
- Sensor Type: Serial device
- Sensor Model: **SR30 pyranometer_SERIAL1_A**
- Sensor Model: **Global radiation**

For more information please contact **support@kintech-engineering.com**
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