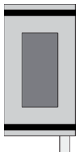
SENSOR WIRING TABLE

Sensor Model	Manufacturer Cable Colors			Orbit 360		
				Section	Terminal	Type
		Green	Data +	RS485	33 37 41	A1, A2, A3
		Yellow	Data -	RS485	34 38 42	B1, B2, B3
		Brown	Vcc (+)	Power Input	+	
		White	Vcc (-)	Power Imput	(-)	

Note: *This sensor has to be preconfigured before it is configured in Atlas software.*

RS485 DIGITAL OUTPUT:

Parameter	Sensor settings
Baudrate	9600
Data bits	8
Parity	None
Stop bits	1

REQUIRED DATA LOGGER VERSION

Minimum data logger required: **ORBIT 360 PREMIUM**.
Minimum **firmware** required: **2.49**.

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 according to the list here below.

Example:

Serial bus 1 baud rate: 9600bps

Bus: Serial 1 >>> ID: A >>> Sensor model: 3S-IS >>> Name: 3S-IS_SERIAL1_A

- Group: Analog channels
- Sensor Type: Serial device
- Sensor Model: **3S-IS_SERIAL1_A**
  - Sensor Model: **Temperature**
  - 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.

Sensor response time: **70ms**.
The sum of the response times of all the sensors connected to the same bus must not exceed 850ms.

For more information please contact **support@kintech-engineering.com**
or visit our website **www.kintech-engineering.com**

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