



















































## SENSOR WIRING TABLE

Sensor Model	Manufacturer colors & Sensor Pin				Kintech Cable Colors		Orbit 360		
							Section	Terminal	Type
	9	RT-		Green		Green	RS485	  	B
	14	RT+		Grey		Grey	RS485	  	A
	10	RT-		White		White	RS485	  	B
	12	RT+		Yellow		Yellow	RS485	  	A
	1	GND		Brown		Brown	Power Input	-	
	11	12Vdc		Red		Red	Power Input		
	8	GND		Black		Pink	Power Input	-	
	Shield					Yellow-Green	Power Input		
	5, 6, 7				Connected together for RS422 and RS485 protocols				

Sensor Model	Manufacturer colors & Sensor Pin				Kintech Cable Colors		ADAM	Charge regulator	*EOL Zenith	
									Section	Terminal
	9	RT-		Green		Green	DATA-			
	14	RT+		Grey		Grey	DATA+			
	10	RT-		White		White	DATA-			
	12	RT+		Yellow		Yellow	DATA+			
	1	GND		Brown		Brown		BAT (-)	BAT	
	11	12Vdc		Red		Red		BAT (+)	BAT	
	8	GND		Black		Pink		BAT (-)	BAT	
	Shield					Yellow-Green		BAT		
						Vs (+)	Load (+)			
						GND	Load (-)			
	5, 6, 7				Connected together for RS422 and RS485 protocols					

Note: \*EOL Zenith should have the Ultrasonic Module installed by Kintech Engineering beforehand.

**This sensor has to be preconfigured then its configuration should be set up in software.**

## HOW TO CONFIGURE IN ATLAS

Open Atlas and go to the data logger you are working on. Scroll to the “channels” section and set the information related to this sensor.

Serial bus 1 baud rate: 9600bps

Bus: Serial 1 >>> ID: A >>> Sensor model: Vaisala

ultrasonic >>> Name: VA\_SERIAL1\_A

- Group: Frequency channels
- Sensor Type: Serial device
- Sensor Model: **VA\_SERIAL1\_A**
- Sensor Model: **Horizontal speed**

- Group: Analog channels
- Sensor Type: Serial device
- Sensor Model: **VA\_SERIAL1\_A**
- Sensor Model: **Windvane**

## HOW TO CONFIGURE IN EOL MANAGER

Open EOL Manager and go to the data logger you are working on. Open the “inputs” tab and select the following type and model.

- Group: Annemometer/Frequency
- Type: Ultrasonic
- Model: **Vaisala A**

- Group: Analog Inputs
- Type: Ultrasonic
- Model: **Vaisala A Windvane**

