SENSOR WIRING TABLE

Sensor Model	Manufacturer colors & Sensor Pin				Kintech Cable Colors		Orbit 360		
							Section	Terminal	Type
	1	TXA-	●	Green	○	White	RS485	34 38 42	B
	6	RXA-	○	White					
	2	TXB+	●	Pink	●	Yellow	RS485	33 37 41	A
	5	RXB+	●	Yellow					
	12	0V	●	Brown	●	Brown	Power Input	-	
	4	-	●	Grey					
	11	V+	●	Red	●	Green	Power Input	+	
	Shield				◐	Yellow-Green	Power Input	⏚	

Sensor Model	Manufacturer colors & Sensor Pin				Kintech Cable Colors		ADAM	Charge regulator	*EOL Zenith	
									Section	Terminal
	1	TXA-	●	Green	○	White	DATA-			
	6	RXA-	○	White						
	2	TXB+	●	Pink	●	Yellow	DATA+			
	5	RXB+	●	Yellow						
	12	0V	●	Brown	●	Brown		BAT (-)	BAT	−
	4	-	●	Grey						
	11	V+	●	Red	●	Green		BAT (+)	BAT	+
	Shield				◐	Yellow-Green			BAT	⏚
							Vs (+)	Load (+)		
							GND	Load (-)		

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 andset the information related to this sensor.

Serial bus 1 baud rate: 9600bps

Bus: Serial 1 >>> ID: A >>> Sensor model: Gill ultrasonic >>> Name: GL_SERIAL1_A

- Group: Frequency channels
- Sensor Type: Serial device
- Sensor Model: **GL_SERIAL1_A**
- Sensor Model: **Horizontal speed**

- Group: Analog channels
- Sensor Type: Serial device
- Sensor Model: **GL_SERIAL1_A**
- Sensor Model: **Windvane**
- Sensor Model: **Vertical Speed**
- Sensor Model: **Temperature**

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: **Gill A**

- Group: Analog Inputs
- Type: Ultrasonic
- Model: **Gill A Windvane**
- Model: **Gill A Vert Anemo**
- Model: **Gill A Temperature**

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