

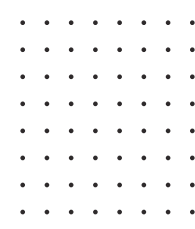
GILL WINDOBSERVER 2D | ULTRASONIC ANEMOMETER

SENSOR WIRING TABLE

Sensor Model	Manufacturer colors & Sensor Pin			Kintech Cable Colors		Orbit 360			
						Section	Terminal	Type	
	Pair1	TXA-	●	Black	●	Green	RS485	34 38 42	B
		TXB+	●	Green	●	Pink	RS485	33 37 41	A
	Pair2	RXA-	●	Black	○	White	RS485	34 38 42	B
		RXB+	○	White	●	Yellow	RS485	33 37 41	A
	Pair3	V-	●	Black	●	Brown	Power Input	-	
		V+	●	Red	●	Red	Power Input	+	
	Pair4	0V	●	Blue	●	Grey	Power Input	-	
		Shield			●	Yellow-Green	Power Input	⏚	
	Pair5	Heat-	●	Black	●	Blue	Independent power supply 24 AC/DC		
		Heat+	●	Yellow	●	Brown			

Sensor Model	Manufacturer colors & Sensor Pin			Kintech Cable Colors		ADAM	Charge regulator	*EOL Zenith		
								Section	Terminal	
	Pair1	TXA-	●	Black	●	Green	DATA-			
		TXB+	●	Green	●	Pink	DATA+			
	Pair2	RXA-	●	Black	○	White	DATA-			
		RXB+	○	White	●	Yellow	DATA+			
	Pair3	V-	●	Black	●	Brown		BAT (-)	BAT	⊖
		V+	●	Red	●	Red		BAT (+)	BAT	⊕
	Pair4	0V	●	Blue	●	Grey		BAT (-)	BAT	⊖
		Shield			●	Yellow-Green			BAT	⏚
							Vs (+)	Load (+)		
							GND	Load (-)		
Pair5	Heat-	●	Black	●	Blue	Independent power supply 24 AC/DC				
	Heat+	●	Yellow	●	Brown					

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



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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: 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: **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 Temperature**

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

