

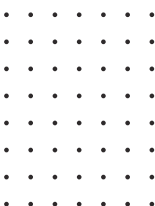
VAISALA WMT702 2D | ULTRASONIC ANEMOMETER

SENSOR WIRING TABLE

Sensor Model	Manufacturer colors & Sensor Pin				Kintech Cable Colors		Orbit 360		
							Section	Terminal	Type
	16	RxTXA	○	White	○	White	RS485	34 38 42	B
	9	RxTXB	●	Yellow	●	Yellow	RS485	33 37 41	A
	11	Vin-	●	Brown	●	Brown	Power Input	-	
	10	CGND	●	Grey	●	Brown			
	1	Vin+	●	Pink	●	Green	Power Input	+	
	Shield				●	Yellow-Green	Power Input	⏏	
	5, 6	Vh+			●	Brown	Independent power supply 24 AC/DC		
7, 8	Vh-			●	Blue				

Sensor Model	Manufacturer colors & Sensor Pin				Kintech Cable Colors		ADAM	Charge regulator	*EOL Zenith	
									Section	Terminal
	16	RxTXA	○	White	○	White	DATA-			
	9	RxTXB	●	Yellow	●	Yellow	DATA+			
	11	Vin-	●	Brown	●	Brown		BAT (-)	BAT	-
	10	CGND	●	Grey	●	Brown				
	1	Vin+	●	Pink	●	Green		BAT (+)	BAT	+
	Shield				●	Yellow-Green			BAT	⏏
								Vs (+)	Load (+)	
							GND	Load (-)		
5, 6	Vh+			●	Brown	Independent power supply 24 AC/DC				
7, 8	Vh-			●	Blue					

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**

