

GILL GMX | COMPACT WEATHER STATION

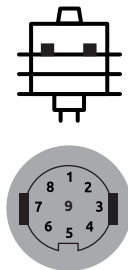



















GMX 500

GMX 600

CABLE RECOMMENDATION

Signal cable up to 150m: **6x0.5 mm² + shield**. For longer cable, please consult sensor manufacturer.

SENSOR WIRING TABLE

Sensor Model	Sensor Pin		Kintech Colors		Orbit 360			
					Section	Terminal	Type	
 <p>Base sensor view / Soldering connector view.</p>	1	Data GND		Yellow	RS485	 	(-)	
	2	Us (+)		Green	RS485	 	(+)*	
	3	GND		Brown	RS485	 	(-)	
	4	Data (+)		Pink	RS485	  	A	
	5	Data (-)		Grey	RS485	  	B	
	7							
	8			Do not connect				
	9			Do not connect				
		Shield			Yellow-Green	Power Input		

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

(+)* = Bat+ with current limited (200mA). Only 1 sensor must be powered.

REQUIRED DATA LOGGER VERSION

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

Minimum **firmware** required: **2.41**.

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 on the Orbit 360 Premium according to the list here below.

Example:

Serial bus 1 baud rate: 9600bps

Bus: Serial 1 >>> ID: A >>> Sensor model: Gill GMX500/600 >>> Name: GMX_SERIAL1_A

- Group: Frequency channels
- Sensor Type: Serial device
- Sensor Model: **GMX_SERIAL1_A**
 - Sensor Model: **Horizontal Speed**
- Group: Analog channels
- Sensor Type: Serial device
- Sensor Model: **GMX_SERIAL1_A**
 - Sensor Model: **Wind Vane**
 - Sensor Model: **Pressue**
 - Sensor Model: **Humidity**
 - Sensor Model: **Temperature**
 - Sensor Model: **Precipitation** (Only for GMX600)

Important! Please make sure you are working with the latest version of Atlas. To check for new updates click the *Check for*

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