

MBS-GH

Replacement 4-in-1 Sensor for Green-X Controller

The MBS-GH 4-in-1 sensor is a state-of-the-art environmental sensor designed specifically for greenhouse applications. This advanced sensor integrates four key measurements: air temperature, CO2 PPM, relative humidity, and a photocell to determine day / night conditions. Each of those 4 sensors are critical to providing comprehensive environmental monitoring in order to ensure optimal growing conditions within the greenhouse.

**Note:** This sensor is intended for use with the Greenhouse (GCS-1) control system. The main GCS-1 controller includes a MBS-GH sensor as part of the standard package.

The MBS-GH sensor seamlessly integrates with the GCS-1 control system. The control system provides comprehensive control of the greenhouse environment by incorporating other environmental sensors and modules. For example, when used with the MBS-WS weather station sensor and the DMC-1 roll-up motor controller, the GCS-1 will provide comprehensive environmental monitoring and flexible control options.

The modular design of the MBS-GH sensor ensures that growers can expand and customize their greenhouse controller setup as needed, ensuring precise control over all critical growth parameters. This flexibility allows for seamless integration of additional sensors and modules, such as the MBS-WS weather station sensor and the DMC-1 roll-up motor controller, enabling tailored solutions for various greenhouse environments. By utilizing the GCS-1 control system's advanced programmable controls and sensor integration capabilities, growers can achieve optimal environmental conditions, leading to healthier plants, increased yields, and improved overall efficiency. Furthermore, the system's scalability allows for easy upgrades and expansions, accommodating future technological advancements and evolving agricultural practices.

**Note:** To ensure longevity and accuracy, keep sensors dry and clean. Avoid spraying foreign substances or allowing water and condensate to contact the sensors.



Specifications

MBS-GH

Input Voltage

Input Voltage 12V±0.1A

Working Environments

Temperature 32~122°F (0~50°C)

Humidity ≤95%RH

Package Contents

Replacement 4-in-1 Sensor for Green-X Controller 1pc

4ft RJ Cable 1pc

T-Shape Splitter 1pc

Display & Control

Size Backlit 128x128 LCD Display

Control Button Control

Language English (International)

Save/Copy/ Import/ Export data Micro SD

Package Dimensions

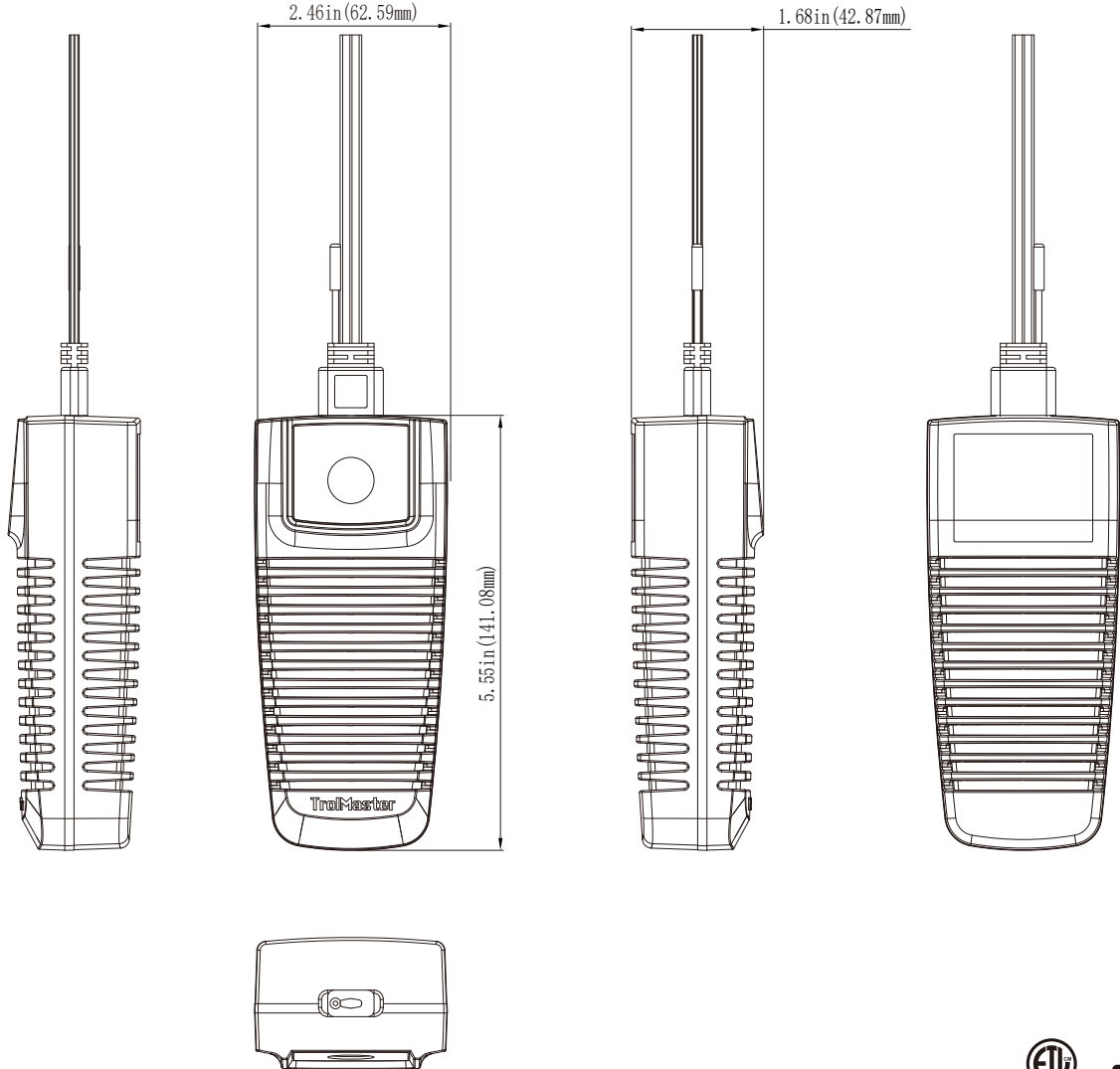
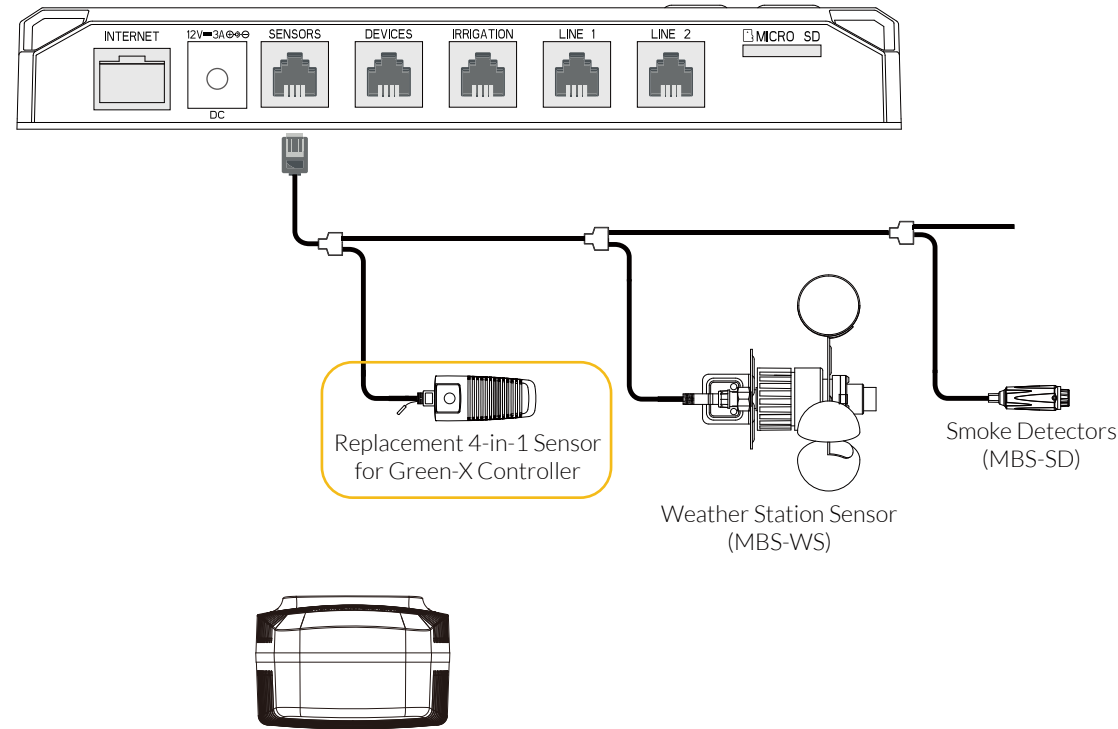
Size 7.36inch / 187mm(L) x  
5.12inch / 130mm(W) x  
2.30inch / 58.5mm(H)

Gross Weight 1.01lbs / 0.46kg

Link Up

MBS-GH

CONNECTION DIAGRAM



FC RoHS