MBS-Pro

4-in-1 Sensor for Hydro-X Pro and Hydro-X Plus

The MBS-PRO 4-in-1 sensor combines a precision air temperature, humidity, CO2 and photocell sensor to create the perfect 4-in-one environmental sensor. It is designed for Hydro-X Pro and Hydro-X Plus.

Assembled using a water-resistant plastic injection enclosure and "push-lock" connection to make installation easy. The MBS-PRO can be placed in multiple locations throughout the growing area to provide spot measurements from multiple sensors. (Up to 50 sensors can be connected to the Hydro-X Pro)

The sensors can then be used together (averaged) or separately in order to control a specific section of the grow area by assigning a sensor to a specific control device.

The MBS-PRO built-in LCD display also functions as an on-site sensor display monitor.

*Note: The MBS-Pro requires the SPH-1 for supplemental power.

*Note: Sensors should remain dry and clean to prevent premature failure. Do not spray foreign substances or allow water / condensate on the sensors



Specifications

MBS-Pro

Input Voltage

Voltage 14VDC

Working Environments

Temperature 32-120°F (0-49°C) 5-95% (Non-condensing) Humidity

0.04A

Maximum Current

Current

Package Dimensions

Size 10.83"/ 275mm(L) x 6.46"/ 164mm(W) x 2.56"/ 65mm(H)

1.28lbs/ 0.58kgs **Gross Weight**

Package Content

MBS-PRO Sensor	1pc
16ft RJ12 Cable	1pc
T-Shape Splitter	1pc

Dimensions

Size 4.65" /118 mm (L) x 4.96"/ 126 mm (W) x 1.14"/ 29 mm (H)

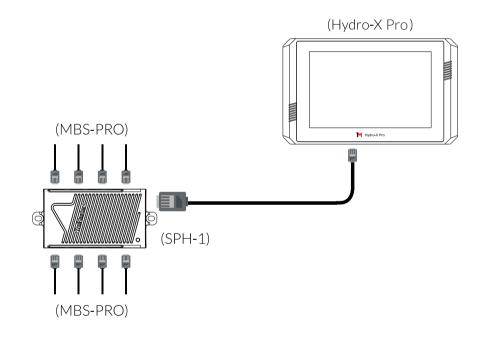
Range And Accuracy

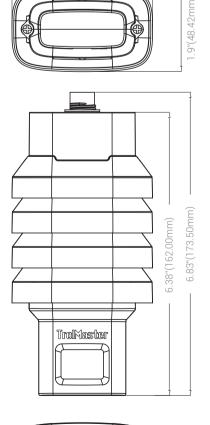
Temperature Rar	nge	32-138.2°F
Temperature Acc	curacy	±0.36°F
Humidity Range		5-90%
Humidity Accura	су	±3%
CO2 Range		0-5000PPM
CO2 Accuracy	±30ppm	n± 5% of reading

Link Up

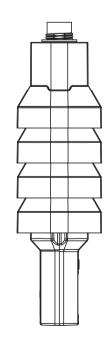
MBS-Pro

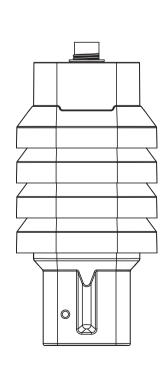
CONNECTION DIAGRAM

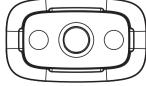




3.17"(80.42mm) -







TrolMaster



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