

# Hydro-X System / HCS-1

## Hydro-X Environmental Control System

The Hydro-X / HCS-1 system is a complete, professional-grade environmental system, designed to automatically control indoor and greenhouse environments. It is designed to be modular and fully customizable, optimized to control all devices within a single growing zone.



**HCS-1** for Hydro-X Control System

The HCS-1 comes standard with a multipurpose 3-in-1 Temperature / Humidity / Photocell sensor, the MBS-TH. The MBS-TH sensor, a CO2 sensor, smoke and water detectors can be daisy chained to the HCS-1 SENSOR port. Up to 5 smoke detectors and 5 water leak sensors can be connected.

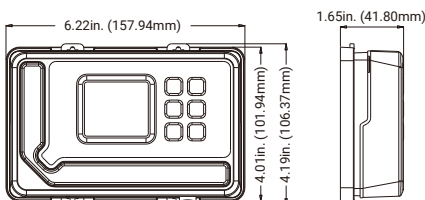
There are 2 lighting control channels that control an unlimited number of lights on 2 separate channels. The system can operate two different lighting systems at the same time. The LCD display on the HCS-1 provides you with current conditions and access to all settings. Entering settings is easy to do by using the 6 buttons on the front of the HCS-1, or you can change settings remotely by using the FREE TrolMaster APP.

## Specifications

### HYDRO-X (HCS-1)

#### Product Capacity

<b>3-in-1 (Temp &amp; Humidity &amp; DayNight) Sensor</b>	Max. 1pc per HCS-1
<b>CO2 &amp; Par Sensor</b>	Max. 1pc each per HCS-1
<b>Smoke &amp; Water Detectors</b>	Max. 5pcs each per HCS-1
<b>Temp Device Stations</b>	Max. 4pcs per HCS-1
<b>Humidity &amp; CO2 Device Stations</b>	Max. 2pcs each per HCS-1
<b>Program Device Stations</b>	Max. 9pcs per HCS-1
<b>Light Channel(s)</b>	2 per HCS-1
<b>Number of Lights</b>	*Unlimited With the correct adapters



#### Operating Requirements

<b>Temperature</b>	32 °F to 120 °F (0 °C to 49 °C)
<b>Humidity</b>	5% to 90% RH, non-condensing

#### Power Supply

<b>Supply Voltage</b>	100-240VAC, 50/60Hz, 0.5A
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#### Dimensions & G.W.

<b>Dimensions</b>	275*164*62mm 0.5A
<b>Approx. G.W. Display &amp; Control</b>	1.08 kg

#### Display & Control

<b>Size</b>	Backlit 128x128 LCD Display
<b>Control</b>	Button Control
<b>Language</b>	English (International)
<b>micro-SD</b>	Save/Copy/Import/Export data

#### Environment Setting

<b>Temperature</b>	40-100 °F
<b>Humidity</b>	20-99%
<b>CO2</b>	400-2500PPM
<b>Light Intensity</b>	10-2000 PPFD

\*current setting range





