

TCS-1

Tent-X Control System

The Tent-X (TCS-1) control system is a state-of-the-art control system, designed for single-zone grow tents. The Tent-X offers users control of both the environment and the irrigation, in one single controller. It is the brain that unites all your climate control and irrigation devices into one being, allowing your devices to work together in order to create the optimal growth environment for your plants.



It comes with a 3-in-1 temperature, humidity, and light sensor, the MBS-TH. Users can daisy-chain the MBS-TH sensor with the CO2 sensor (MBS-S8), the full spectrum quantum sensor (MBS-PAR), and the smoke and water detectors into Tent-X's SENSOR port.

You can also connect an AMP-3 sensor board to the Tent-X and the WCS-1 / 2 sensors or the WD-1 water detector to the sensor board. Additionally, Tent-X supports the connection of up to four DS plug-in control modules. You can assign your pumps and valves to the Tent-X using the Program modules, and set up irrigation schedules. You can set single schedules, multiple schedules, and recycle timer.

*Due to the compact environment of a grow tent, you can only assign a single sensor for each type of sensor.

The Tent-X is intended to be used by growers who want a compact control system for their grow tents. It is also modularly designed, allowing for system customization based on a grower's needs.

Specifications

TCS-1

Input Voltage

Voltage 100-240VAC, 50/60Hz

Working Environments

Temperature 32°-122°F (0-50°C)

Humidity ≤90%

Product Dimensions

Size 6.52" /165.58mm(L) x 3.78" /96mm(W) x 1.63" /41.5mm(H)

Net Weight 0.54lbs / 0.243kg

Package Dimensions

Size 10.83" /275mm(L) x 6.46" /164mm(W) x 2.55" /65mm(H)

Gross Weight 2.09lbs / 0.95kg

Display & Control

Size Backlit 128x128 LCD Display

Control Button Control

Language: English (International)

Save/Copy/ Import/ Export data Micro SD

Package Content

Tent-X Controller 1pc

Backplate(Bracket) 1pc

4ft RJ12 Cable 1pc

Y-Shaped splitter 1pc

12DC Power supply 1pc

3-in-1 MBS-TH sensor 1pc

16ft RJ12 Cable 1pc

Product Capacity

MBS-TH (Temp / Humid / Light) max 1pc per set

MBS-S8 (CO2) max 1pc per set

MBS-PAR (PPFD) max 1pc per set

MBS-SD (Smoke Detector) max 1pc per set

AMP-3 (pH / EC / Temp) max 1pc per set

WCS-1/2 (WC / EC / Temp) max 1pc per set

WD-1 (Water Detector) max 2pc per set

Temperature Device Stations max 2pc per set

Humidity Device Stations max 2pc per set

CO2 Device Stations max 2pc per set

Timer Device Stations max 4pc per set

EC Fan Control Adaptor max 2pc per set

Light Channels 2 lines per TCS-1

Link Up

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CONNECTION DIAGRAM

