






GrowControl SXC Climate Sensor & Data Logger is a precision digital indoor sensor designed for hanging in growing environments featuring temperature, relative humidity, ambient light and optionally CO2 ppm.

Connect to Agrowtek's GrowControl Control systems for advanced control solutions or directly to Agrowtek's intelligent relays for basic environmental control. GrowNET port accepts MODBUS RTU for PLC communication.







Internal memory logs 21,600 data points for months or years of storage. Available with WiFi module for remote monitoring, data logging, alerts, and more. Link the WiFi module to Agrowtek's web-portal for off-site data logging. USB AgrowLink connects the GrowNET port to a PC for datalog download to .csv, graphing, calibration, configuration, updates, and more using free PC software.

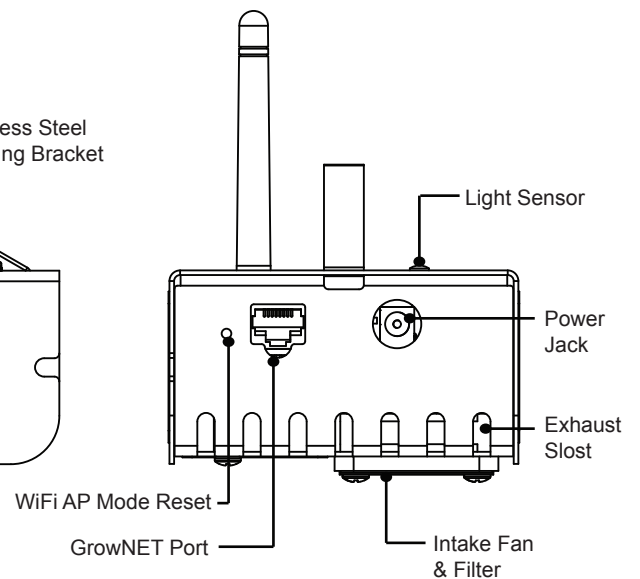
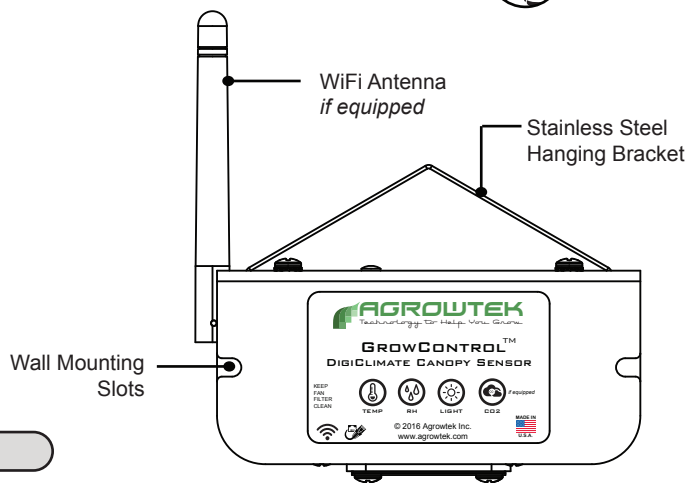


Sensors

-  Air Temperature
-20 - 60°C
-  Relative Humidity
0-99% RH (80% max operating)
-  Light (Irradiance)
0-1000 Watts/m2
-  Carbon Dioxide (optional)
0-2000 ppm
-  Fan aspirated with
air filter for high accuracy

Features

-  WiFi optional for direct browser access
and web portal connection
-  GrowNET link for connection to
relays or GrowControl™ master controller
-  4-Channel 4-20mA analog outputs, 24Vdc
MODBUS RTU for industrial PLC applications
-  Durable powder-coated steel enclosure
-  2-Year Warranty
-  Made in USA



Compatible



Typical Applications



Greenhouses & Indoor Growing Facilities



Agricultural Facilities



Industrial Process Monitoring
Data Centers, Server Rooms



Analytical, Data Logging
research & academic applications



Home Environment Monitoring

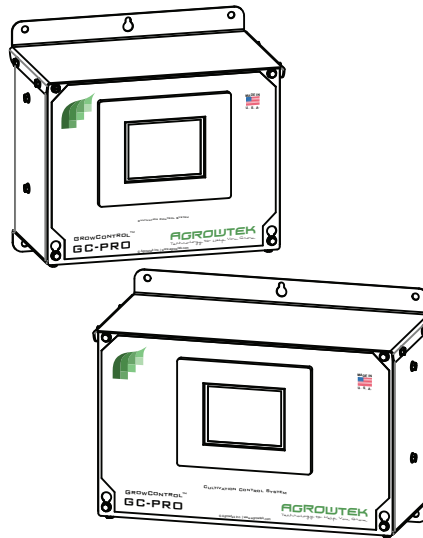


OEM & custom applicatoins

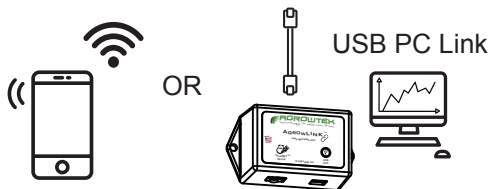
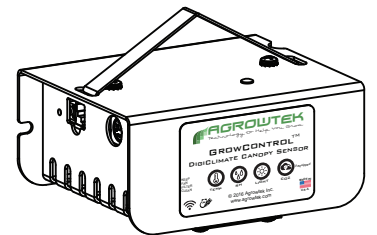
Stand Alone



Master Controller

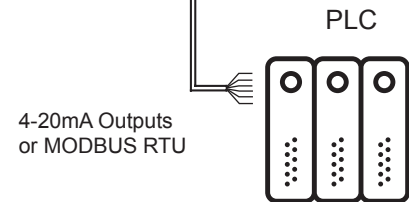


Industrial PLC



Connect a sensor directly to a computer using the LX1 USB AgrowLINK and free PC software for data logging and email alerts. *API and C# demo code available for custom applications.*

Add the WiFi option to monitor the sensor directly from any web browser, or link the sensor to your Agrowtek web portal account.

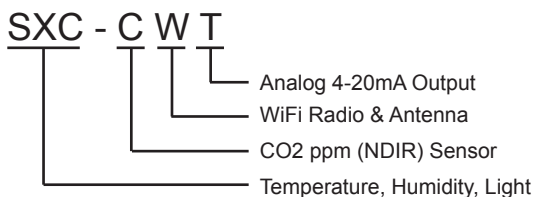


4-20mA Outputs
or MODBUS RTU

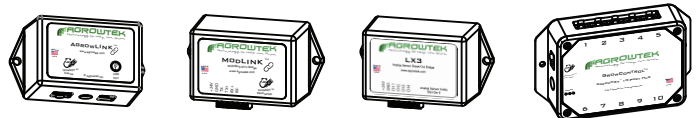
Connect to GrowControl Cultivation Controllers for advanced functions as part of a complete facility control solution. GrowControl systems are loaded with intelligent control functions optimized for today's complex growing environments.

Agrowtek's sensors are easy to implement on PLC systems with 4-channel 4-20mA outputs for simple analog connections or MODBUS RTU for more advanced communication. 24Vdc is provided by the mini-din analog port or the RJ45 MODBUS port for single-cable installation.

Ordering Options



Optional Accessories



LX1

USB AgrowLINK
GrowNET Bridge

LX2

MODBUS
GrowNET Bridge

LX3

Analog 4-20mA
Break-Out

HX8

GrowNET
8-Port Hub