

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.

Internal memory logs over 20,000 data points per sensor. Connects to Agrowtek's GrowControl™ Cultivation Controllers as part of a complete facility control solution. Available with WiFi module for stand-alone or remote monitoring, data logging, alerts, and more.

LX1 USB AgrowLink connects the GrowNET™ port to a PC with free PC software for datalog download, graphing, calibration, configuration, firmware updates, etc. LX2 ModLINK connects GrowNET™ devices to RS-422/485 for MODBUS RTU protocol communication.

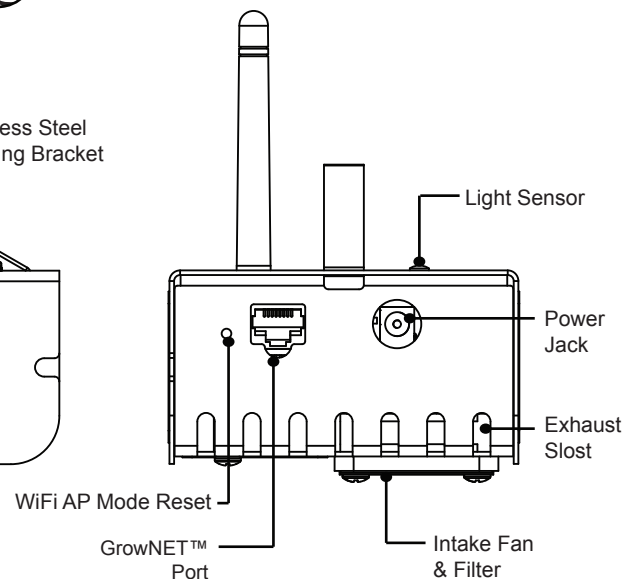
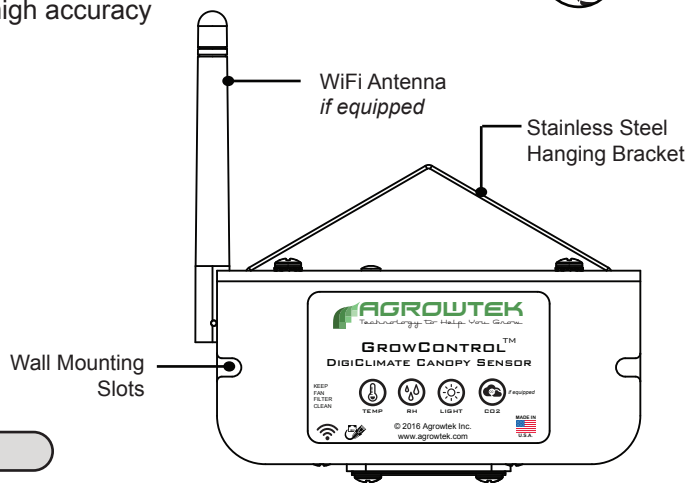


Sensors

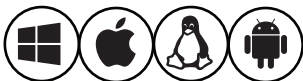
- Air Temperature
-20 - 60°C
- Relative Humidity
0-99% RH (80% max operating)
- Light (Irradiance)
0-1000 Watts/m2
- Carbon Dioxide (optional)
0-2000 ppm
- Real Time Clock (RTC)
Battery Backup optional
- Fan aspirated with
air filter for high accuracy

Features

- WiFi optional for direct browser access
and web portal connection
- GrowNET™ Digital Communication Port
- MODBUS RTU via LX2 ModLINK
Optional 4-channel 4-20mA analog outputs
- Durable powder-coated steel enclosure
- 1-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

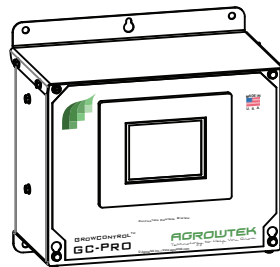


OEM & custom applications

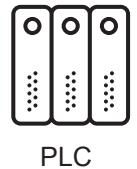
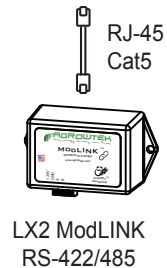
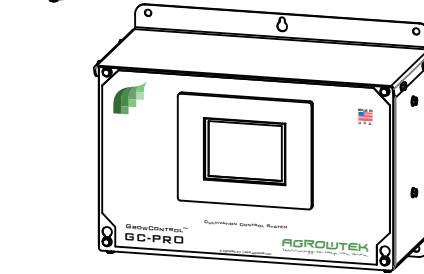
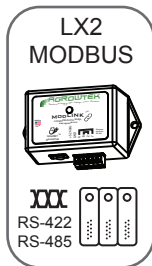
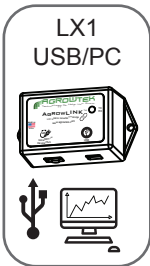
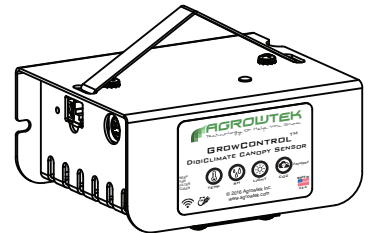
Stand Alone



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.

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

SXC - C W B T

- Analog 4-20mA Output
- Battery Backup (for RTC)
- WX WiFi Option
- SX-CO2 ppm (NDIR) Sensor Upgrade
- Temperature, Humidity, Light

Optional Accessories



LX1

USB AgrowLINK
GrowNET Bridge



LX2

MODBUS
GrowNET Bridge



LX3

Analog 4-20mA
Break-Out



HX8

GrowNET
8-Port Hub