







GrowControl™ SXC is a precision digital indoor sensor featuring temperature, humidity, and ambient light sensors standard. Optional CO2 ppm sensor allows accurate readings up to 10,000 ppm with reliable NDIR sensor technology. Optional PLIR™ downward-looking plant-leaf infrared sensor provides real-time leaf temperatures for accurate VPD measurements. Fan aspirated for continuous accuracy with removable air filter.

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. One sensor recommended for every 2,000-3,000 square feet typical.







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.

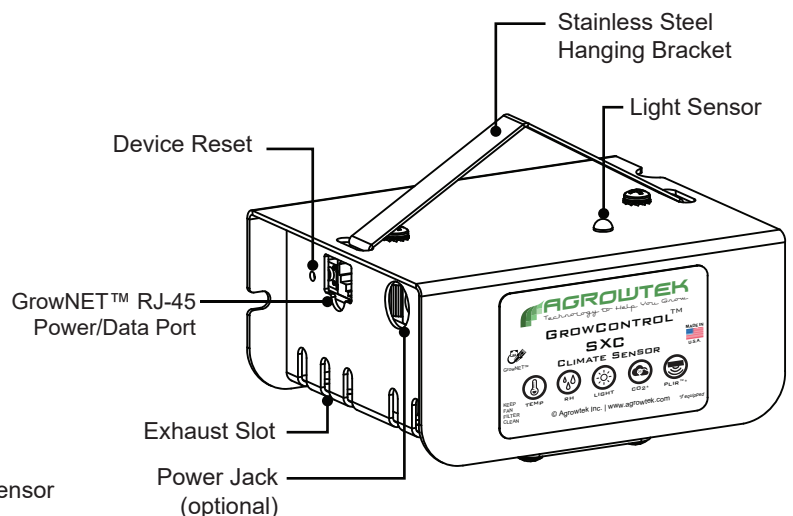
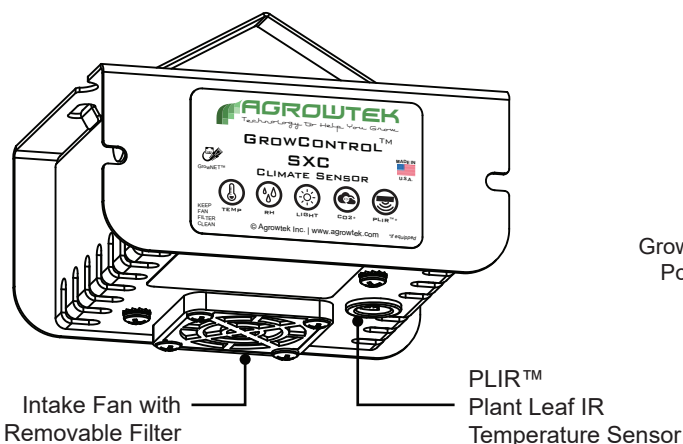


## Sensors

-  Air Temperature  
-20 - 60°C / 0 - 140°F
-  Relative Humidity  
0-99% RH (80% max cont. operating)
-  Light (Irradiance)  
0-1000 Watts/m2
-  Carbon Dioxide (optional)  
0-10,000 ppm
-  PLIR™ Plant Leaf IR Temperature (optional)  
-40 - 85°C / -40 - 185°F
-  Real Time Clock (RTC)  
with coin-cell battery backup

## Features

-  Fan aspirated with air filter for high accuracy
-  GrowNET™ Digital Communication Port
-  MODBUS RTU via LX2 ModLINK  
Optional 4-channel 4-20mA analog outputs
-  Durable Powder-Coated Aluminum Enclosure  
Stainless Steel Hanging Bracket
-  1-Year Warranty
-  Made in USA



### PLIR™ Plant Leaf IR Temperature Sensor

PLIR™ plant leaf IR sensor option measures the surface temperature of the plant canopy below the SXC environment sensor. Precision temperature values are used to accurately calculate the VPD (vapor pressure deficit) in real-time.



Leaf Surface Temperature



Vapor Pressure Deficit (VPD)  
Calculated at GCX controller



37.5° Sensor Angle

Range (R)	Spot Diameter (D)
12"	8"
24"	16"
36"	24"
48"	32"



### GrowControl™ GCX Controller



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

### USB



Connect GrowNET™ devices directly to a computer using the LX1 USB AgrowLINK™ and free PC software for data logging and monitoring.

### MODBUS



GrowNET™ devices are easy to implement on PLC systems with MODBUS RTU and a LX2 ModLINK interface. Multiple GrowNET™ devices can be connected to an interface with HX8 GrowNET™ hubs.

### Ordering Options

SXC - C W T

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

### Optional Accessories



**LX1**  
USB  
AgrowLINK™



**LX2**  
RS-485  
ModLINK™



**HX8**  
GrowNET™  
Device Hub