







GrowControl™ SXE Environmental Monitor, Logger & Controller is a precision digital indoor climate sensor with 3-button LCD display featuring temperature, relative humidity, ambient light and optionally CO2 ppm sensors.

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.

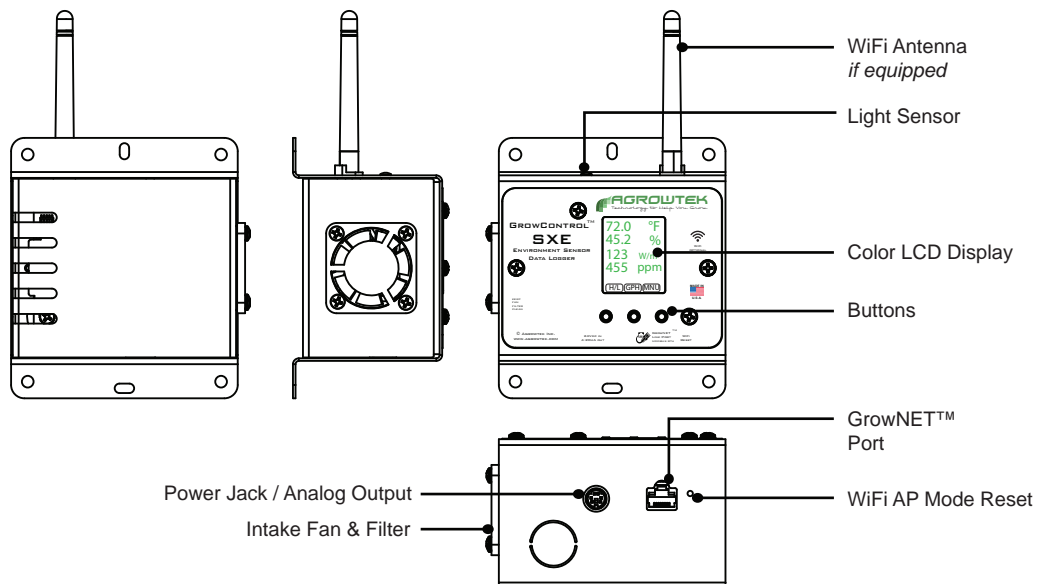


Sensors

-  Air Temperature
-20 - 60°C
-  Relative Humidity
0-99% RH
-  Light (Irradiance)
0-1000 Watts/m2
-  Carbon Dioxide (optional)
0-10,000 ppm
-  Real Time Clock (RTC)
Battery Backup Included
-  Fan aspirated with
air filter for high accuracy

Features

-  WiFi optional for sensor monitoring
(coming soon)
-  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



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

PLC / OEM



LX1
USB/PC



LX2
MODBUS



Mini Controller



Connect a device to a PLC using the LX2 ModLINK™ or to a computer using the LX1 USB AgrowLINK™.

Agrowtek's intelligent devices are convenient and easy to implement with MODBUS RTU for advanced addressable communication. Use HX8 GrowNET™ hubs to network multiple devices to a single LX link module.

Connect SXE monitor & mini controller to one of Agrowtek's digital intelligent relay modules to create a basic environmental control system. Program outputs individually for temperature, humidity, or CO2 control in addition to 24-hour and cycle timer control. Uses the GrowNET™ ports and a cross-over cable to link the devices together.

Ordering Options

SXE - C W T

— Analog 4-20mA Output

— WX WiFi Option

— SX-CO2 ppm (NDIR) Sensor Upgrade

— Temperature, Humidity, Light with LCD Display Interface

Optional Accessories



LX1
USB
AgrowLINK™



LX2
RS-485
ModLINK™



HX8
GrowNET™
Device Hub