AGROWTEK
Technology to Help You Grow

SXE
Environment Monitor & Controller

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

WiFi Antenna
if equipped

Light Sensor

Color LCD Display

Buttons

GrowNET™ Port

Power Jack / Analog Output

Intake Fan & Filter

WiFi AP Mode Reset
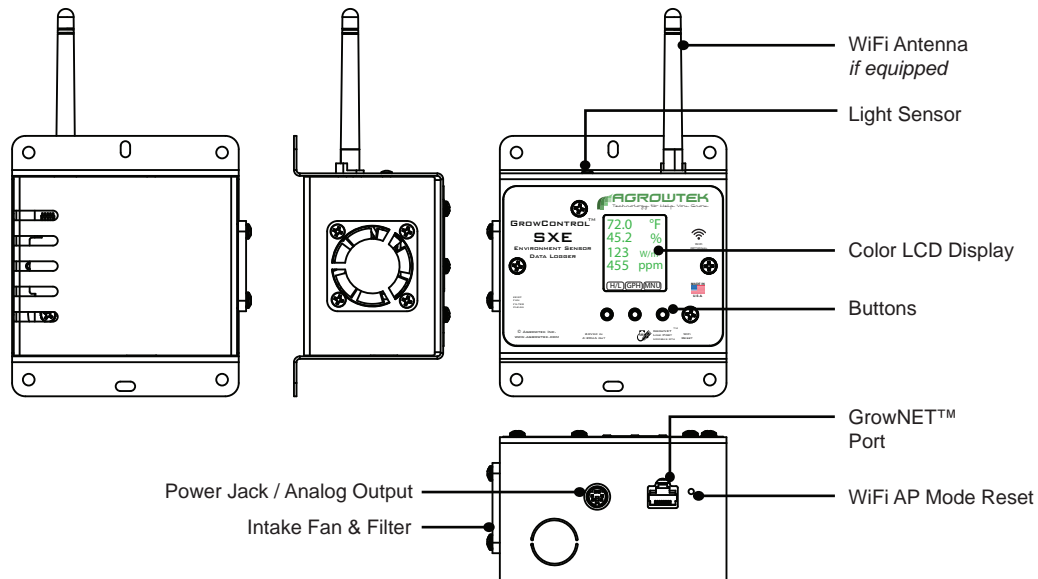
Applications

Greenhouses & Indoor Growing Facilities

Industrial Process Monitoring Data Centers, Server Rooms

Home Environment Monitoring

Agricultural Facilities

Analytical, Data Logging research & academic applications

OEM & custom applications

PLC / OEM

LX1 USB/PC

LX2 MODBUS

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.

Mini Controller

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