











GrowControl SXW Weather Monitor & Controller is a precision digital outdoor climate monitor featuring temperature, relative humidity, ambient light, and optionally CO2 ppm sensors. Also includes inputs for Agrowtek's wind speed anemometer, wind direction vane, and IR rain sensors. Housed in a rugged stainless steel enclosure and designed for pole or wall mounting.

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

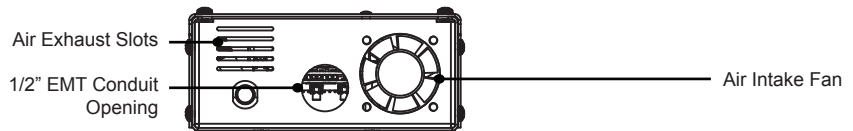
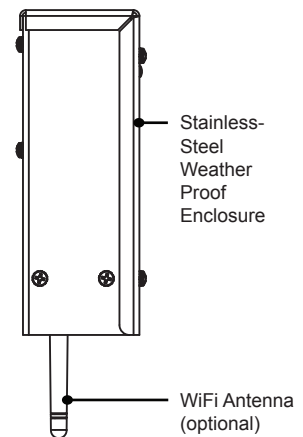
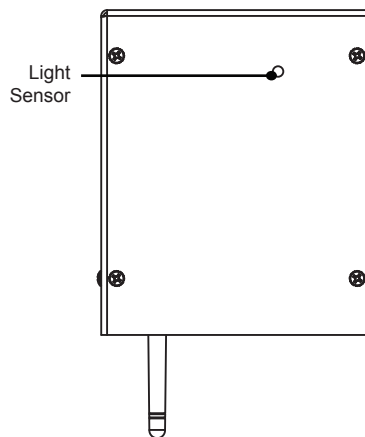
-  Air Temperature
-20 - 60°C
-  Relative Humidity
0-99% RH
-  Light (Irradiance)
0-2000 Watts/m2
-  Carbon Dioxide (optional)
0-10,000 ppm
-  Barometric Pressure (optional)
mm-Hg, in-Hg
-  Wind Speed
0-100 mph, kmh
-  Wind Direction
0 - 359°
-  Rain
-  Real Time Clock (RTC)
Battery Backup optional
-  Fan aspirated with
air filter for high accuracy

Compatible



Features

-  WiFi optional for direct sensor monitoring
and web portal connection
-  GrownET™ Digital Communication Port
-  MODBUS RTU via LX2 ModLINK
Optional 4-channel 4-20mA analog outputs
-  Weather-proof stainless-steel enclosure
-  Made in USA
-  1-Year Warranty



Typical Applications



Greenhouses



Analytical, Data Logging
Research & Academic



Industrial Processes, PLC's



Odor Mitigation Controls

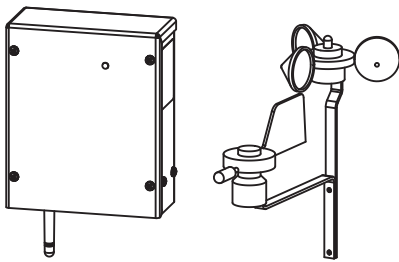


Home Weather Monitoring

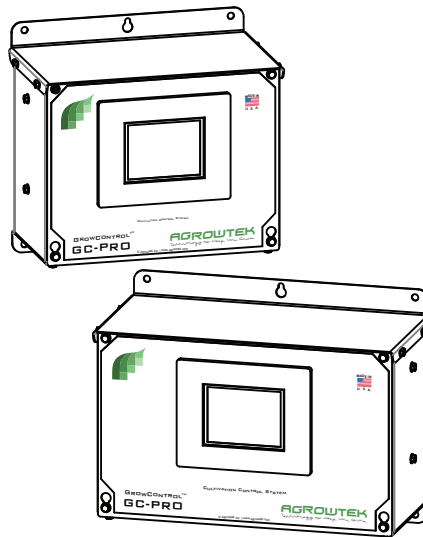


OEM & custom applicatoins

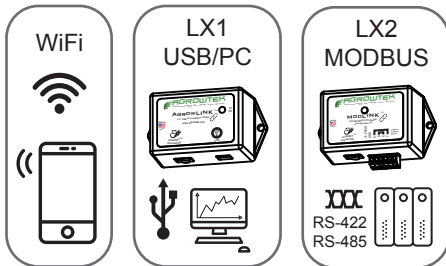
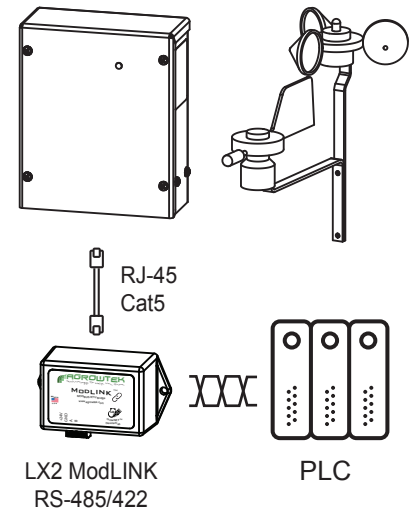
Stand Alone



Master Controller



Industrial PLC

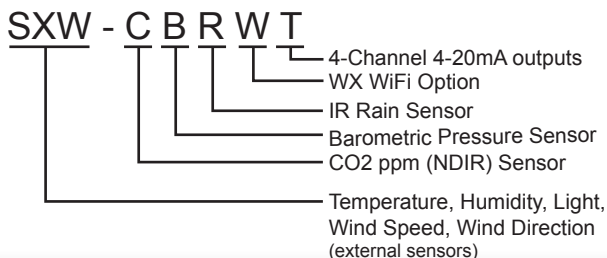


Connect the sensor directly to a computer using the LX1 USB AgrowLINK and free PC software for data logging and email alerts, or use a ModLINK LX2 RS-485 or LX4 RS-422 interface for MODBUS protocol. HX8 hubs allow multiple devices on LX interfaces. Add WiFi to monitor the sensor directly from a web browser, 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 MODBUS RTU and a LX2 ModLINK interface. Multiple GrowNET devices can be connected to an interface with HX8 GrowNET hubs. Sensors are also available with 4-channel 4-20mA outputs.

Ordering Options



Optional Accessories

