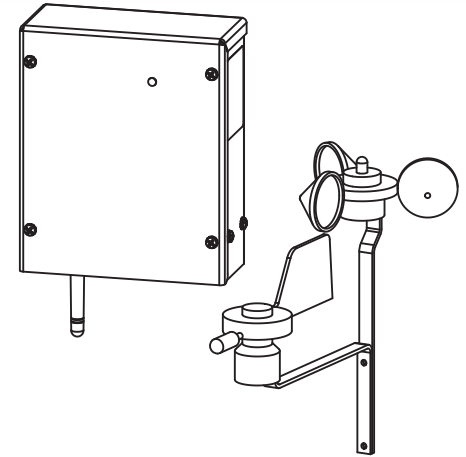












GrowControl SXW Weather Monitor & Controller is a precision digital outdoor climate monitor featuring temperature, relative humidity, ambient light, barometric pressure and optionally CO2 ppm sensors. Also includes inputs for Agrowtek's wind speed anemometer, wind direction vane, and IR rain sensors.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

Available with WiFi module for remote monitoring, data logging, alerts, and more. Link the WiFi module to Agrowtek's web-portal for off-site data logging. USB AgrowLink connects the GrowNET port to a PC for datalog download to .csv, graphing, calibration, configuration, updates, and more using free PC software.

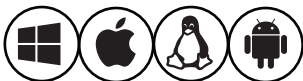
Connect to Agrowtek's GrowControl Controllers as part of a complete facility control solution. GrowNET port accepts MODBUS RTU for PLC applications.









Sensors

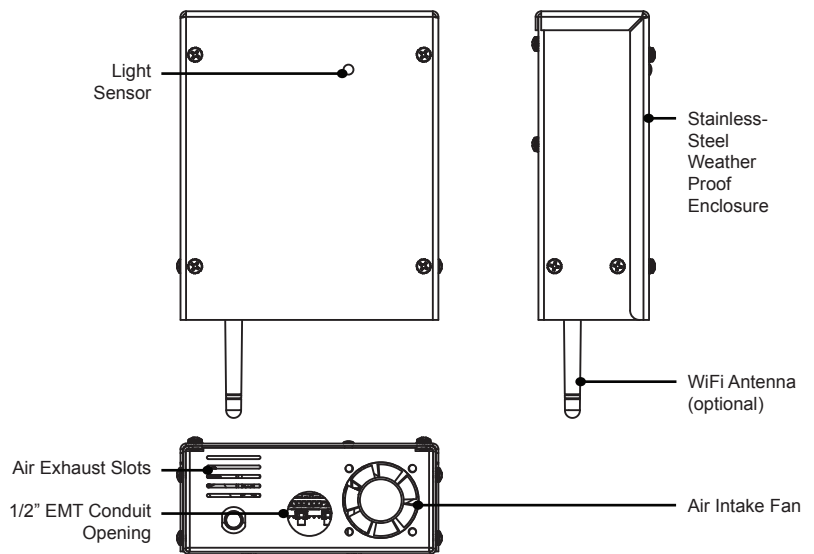
-  Air Temperature
-20 - 60°C
-  Relative Humidity
0-99% RH
-  Light (Irradiance)
0-1000 Watts/m2
-  Carbon Dioxide (optional)
0-2000 ppm
-  Barometric Pressure (optional)
mm-Hg, in-Hg
-  Wind Speed
0-100 mph, kmh
-  Wind Direction
0 - 360°
-  Rain
-  Real Time Clock (RTC)
Battery Backup optional
-  Fan aspirated with
air filter for high accuracy

Compatible



Features

-  WiFi optional for direct sensor monitoring and web portal connection
-  GrowNET digital communication port for PC USBAgrowLINK
-  4-Channel 4-20mA analog outputs, 24Vdc MODBUS RTU for industrial PLC applications
-  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

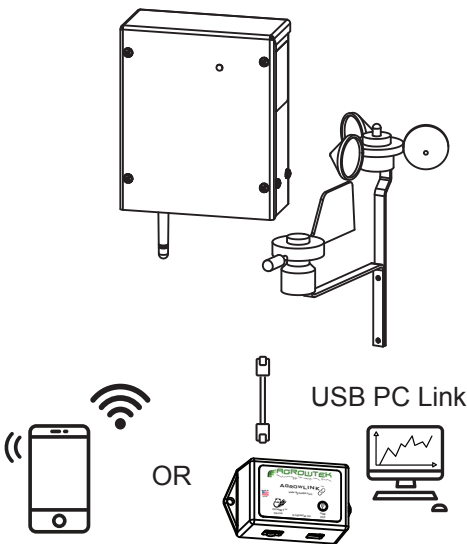


OEM & custom applicatoins

Stand Alone

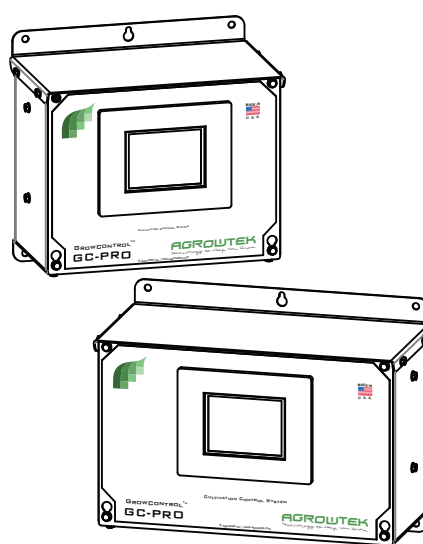
Master Controller

Industrial PLC

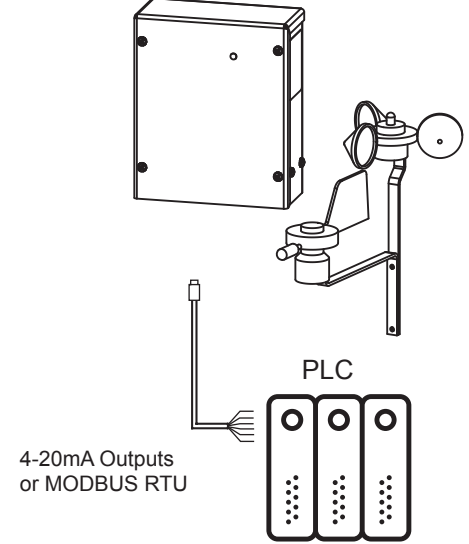


Connect a sensor directly to a computer using the LX1 USB AgrowLINK and free PC software for data logging and email alerts. *API and C# demo code available for custom applications.*

Add the WiFi option to monitor the sensor directly from any web browser, or link the sensor to your Agrowtek web portal account.

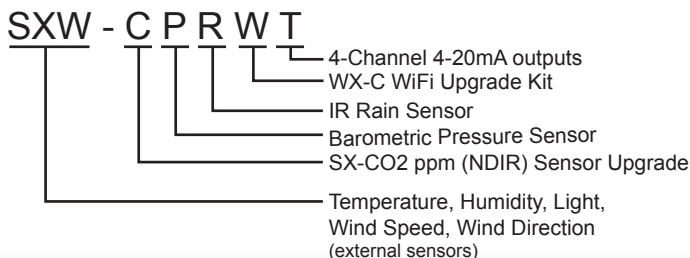


Connect to GrowControl Cultivation Controllers for advanced functions as part of a complete facility control solution. GrowControl systems are loaded with intelligent control functions optimized for today's complex growing environments.



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



Optional Accessories



LX1

USB AgrowLINK
GrowNET Bridge



LX2

MODBUS
GrowNET Bridge



LX3

Analog 4-20mA
Break-Out



HX8

GrowNET
8-Port Hub