AGROWTEK
Technology to Help You Grow

SXW
Outdoor Weather Station

GrowControl SXW Weather Monitor is a precision digital outdoor climate monitor featuring temperature, relative humidity, ambient light, and optionally CO2 ppm sensors. Also available with Agrowtek's wind speed anemometer, wind direction vane, and IR rain sensors. Reflective white powder coat and dual aspirator fans for inlet/outlet ensure maximum sensor accuracy in sunlit conditions. Rugged corrosion resistant aluminum enclosure designed for pole mounting. Available with pole-mounting bracket kit (shown.)

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.

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-485 for MODBUS RTU.

Sensors	Features
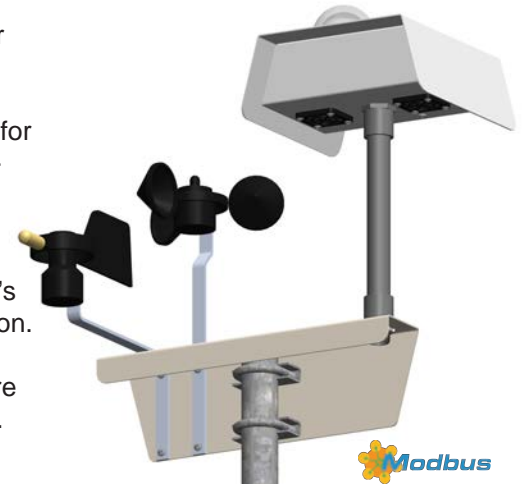
Sensors

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 (optional)
0-100 mph, kmh

Wind Direction (optional)
0 - 359°

Rain (optional)

Real Time Clock (RTC)
Battery Backup optional

Dual fan aspirated with air filter for high accuracy

Features

GrowNET™ Digital Communication Port

MODBUS RTU via LX2 ModLINK
Optional 4-channel 4-20mA analog outputs

Weather-proof aluminum enclosure

Made in USA

1-Year Warranty

Optical Rain Sensor

Light Sensor

Aluminum Weather Enclosure

Digital Cup Anemometer

Electronic Direction Vane

Stainless Steel Pole Bracket Kit for 1" Pipe
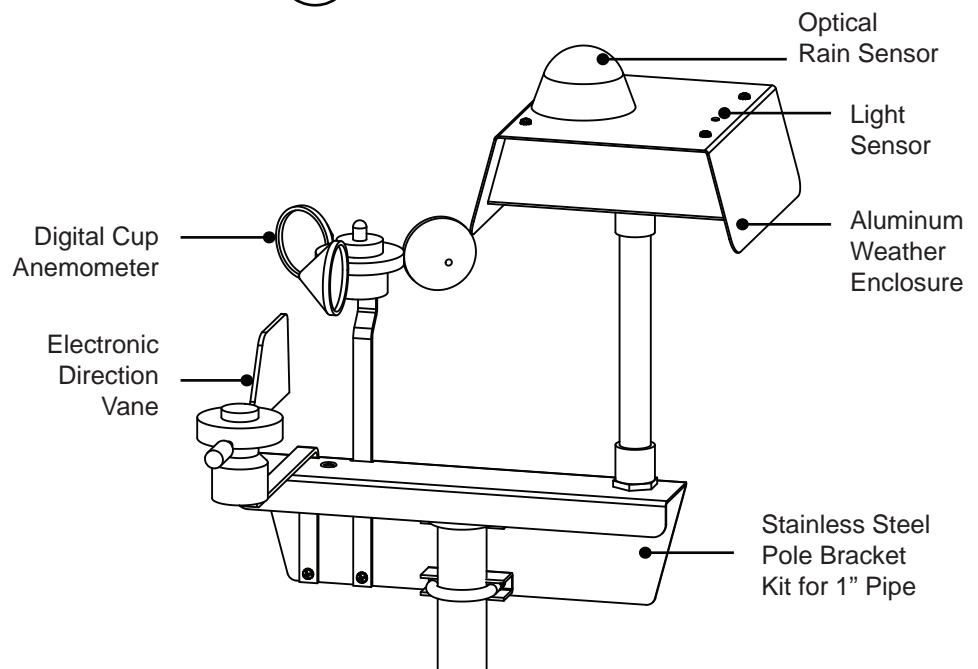
Shown fully assmbled as provided in the complete weather station package.

Applications

 Greenhouses

 Industrial Processes, PLC's

 Home Weather Monitoring

 Analytical, Data Logging Research & Academic

 Odor Mitigation Controls

 OEM & custom applicatoins

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

SXW - W B R T K

- Pole-mount Bracket Kit
- 4-Channel 4-20mA outputs
- IR Rain Sensor
- Barometric Pressure Sensor
- Wind Speed & Direction Sensors
- Temperature, Humidity, Light

Optional Accessories

LX1
USB AgrowLINK™

LX2
RS-485 ModLINK™

HX8
GrowNET™ Device Hub