

## Alarm Monitoring | Sensing & Control

GrowControl™ SXG is a precision aspirated gas sensor for CO<sub>2</sub> concentration in indoor spaces. Designed for alarm monitoring applications in indoor growing environments. Mounts to grow room wall 12" from the floor or as required by local codes. Use with ALX horn strobe alarms as part of a CO<sub>2</sub> alarm system.

Reliable NDIR sensor technology offers an accurate sensing range between 400 - 10,000 ppm. Fan aspirated for continuous accuracy and fast response time. Removable air filter can be serviced without tools.

Connects to Agrowtek's GrowControl™ GCX Cultivation Controllers as part of a facility monitoring and control solution for alarm and exhaust control. One sensor recommended for every 1,500 square feet or as required by local codes.

LX2 ModLINK connects GrowNET™ devices to RS-422/485 for MODBUS RTU protocol communication.



### Sensors



Carbon Dioxide  
400-10,000 ppm



Fan aspirated with  
air filter for high accuracy



Real Time Clock (RTC)  
with coin-cell battery backup  
(optional)

### Features



GrowNET™ Digital Communication Port



MODBUS RTU via LX2 ModLINK



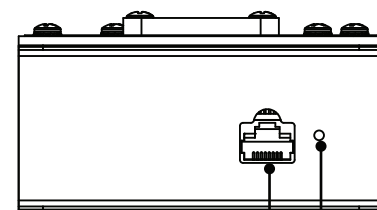
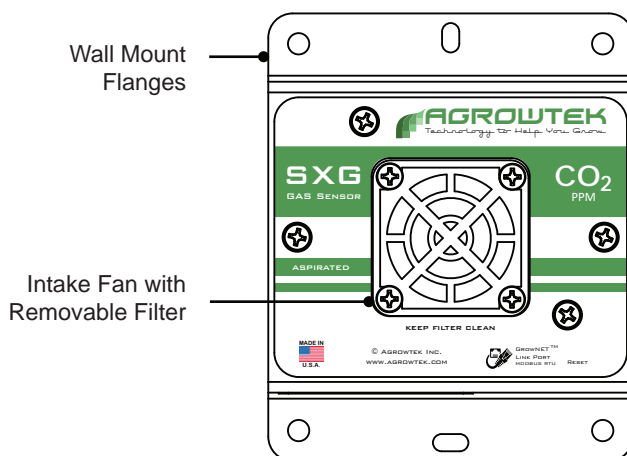
Durable Powder-Coated Aluminum Enclosure  
Wall Mount Flanges



1-Year Warranty



Made in USA



GrowNET™ RJ-45  
Power / Data Port

Device Reset

## Carbon Dioxide Alarm Monitoring System

### Inside Room



SXG Gas sensor is mounted on the wall 12" from the floor. Optional AXG alarm in the room or use aux. outputs on hallway AXG to operate a room alarm.

### Hallway Door



AXG Alarm in hallway connected to room purge switch. Aux outputs can be used for an additional alarm output.

### Facility Controls



GrowControl™ GCX control systems use the readings from the SXG gas sensors to control the AXG alarm modules, operate purge exhaust from facility controls, and disable CO<sub>2</sub> control outputs.

## GrowControl™ GCX Controller



## MODBUS



Connect to GrowControl™ Cultivation Controllers for advanced functions as part of a complete facility control solution including alarming and exhaust control. GrowControl™ GCX systems feature intelligent control functions optimized for today's complex growing environments.

GrowNET™ devices are easy to implement on PLC systems with MODBUS RTU and a LX2 ModLINK interface.

## Ordering Options

### SXG - CO<sub>2</sub>

CO<sub>2</sub> PPM Sensor, NDIR Type  
Digital Gas Sensor, Aspirated

## Optional Accessories



**SW1**  
Push Button for  
Purge Input



**AXG**  
Alarm  
Module



**LX2**  
RS-485  
ModLINK™



**HX8**  
GrowNET™  
Device Hub