## Gas Alarm Module | Purge Button Input | Relay Output

GrowControl™ AXG modules are designed for use in grow facilities to indicate alarm conditions with an audible horn and visual strobe. Optional purge switch connects via two-wire cable to the input terninals on the bottom of the unit. When activated with the GrowControl™ GCX control system, exhaust will purge until the carbon dioxide concentration has reached a safe level and the alarm silences. Additional NO/NC dry-contact terminals for external device control or signaling.

Use with SXG CO2 gas sensors as part of a CO2 alarm system.

Connects to Agrowtek's GrowControl™ GCX Cultivation Controllers as part of a facility monitoring and control solution for alarm and exhaust control. AXG alarm modules can be located both inside and outside the grow space.

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

### Hardware

**Audible Alarm**
Chime, Whoop, Mechanical & 2400hz Tone

**Flashing Strobe**
Candela 15 (ANSI/UL 1971) / 75 (ANSI/UL 1638)

**Switch Input**
Activate Room Purge

**Aux. Dry-Contact Output**
5A / 24V | N.O. / N.C.

### Features

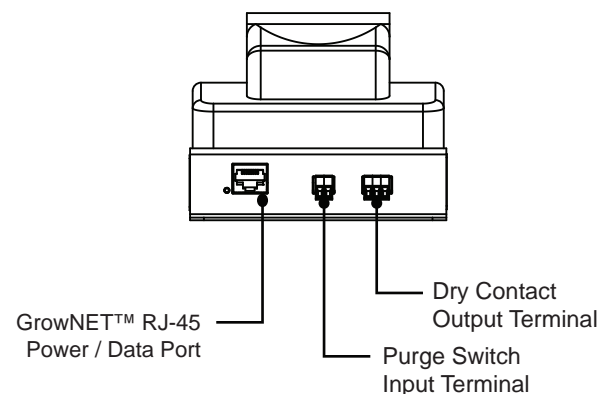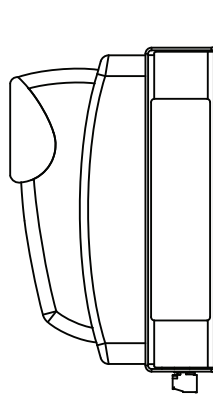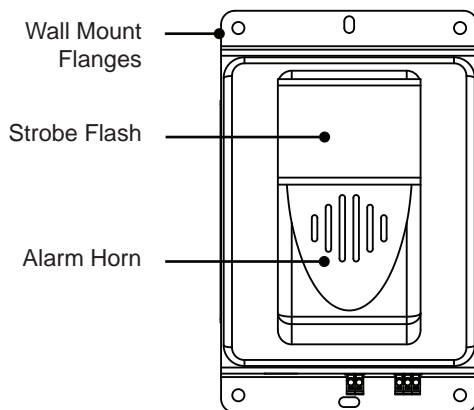**GrowNET™ Digital Communication Port**

**MODBUS RTU via LX2 ModLINK**

**Durable Powder-Coated Enclosure**
Wall Mount Flanges

**1-Year Warranty**

**Made in USA**

Wall Mount Flanges

Strobe Flash

Alarm Horn

GrowNET™ RJ-45 Power / Data Port

Dry Contact Output Terminal

Purge Switch Input Terminal

## Carbon Dioxide Alarm Monitoring System

| Inside Room | Hallway Door | Facility Controls |
|---|---|---|

**Purge**

GrowControl™ GCX

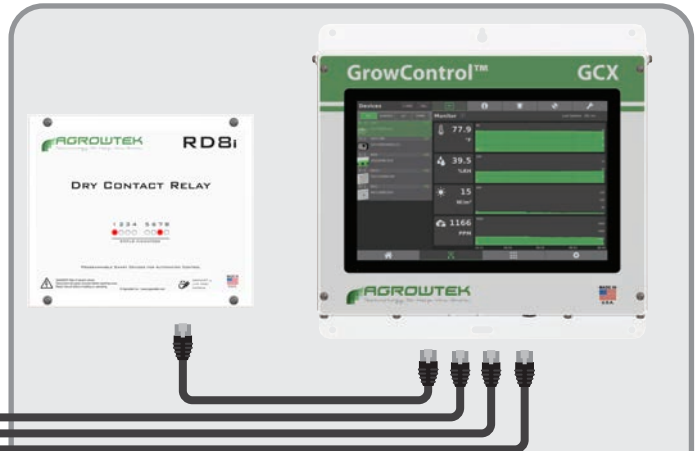**AGROWTEK RD8i**

DRY CONTACT RELAY

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.

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

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 CO2 control outputs.

## GrowControl™ GCX Controller

GrowControl™ GCX

GrowControl™ GCX+

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.

## MODBUS

**ModLINK**

*Modbus*

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

## Ordering Options

AXG - CO2

— CO2 Alarm w/Purge Input & Dry Contact

— Horn Strobe Alarm Module

## Optional Accessories

| SW1 | SXG | LX2 | HX8 |
|---|---|---|---|
| Push Button for Purge Input | CO2 Gas Sensor | RS-485 ModLINK™ | GrowNET™ Device Hub |