

# GSM500 Carbon Dioxide Monitor/Controller

**Monitor & control CO<sub>2</sub> values in closed spaces of residential/commercial buildings & greenhouses**

## Features:

- Accurate and low drift NDIR (non-dispersive infrared) waveguide technology
- Displays CO<sub>2</sub> chart with adjustable time scale (week/day/hour/min/auto)
- Automatic Min/Max recall on the displayed chart
- Preset CO<sub>2</sub> zone and center values for human or plant mode
- Programmable CO<sub>2</sub> zone value and center value to control output power on/off
- User programmable audible CO<sub>2</sub> alarm
- Built-in Day/Night auto detection in plant mode to override CO<sub>2</sub> control
- Fresh air (~400ppm) calibration
- Includes Sensor with 14.8ft (4.5m) cable, AC power cord with controller piggyback plug, mounting screws, and tape for mounting the sensor probe



## Specifications

Carbon Dioxide (CO <sub>2</sub> )	0 to 5000ppm
Accuracy	±50ppm or 5% of reading
Warm-up Time	30 seconds
Calibration	Calibrate in fresh air (~400ppm)
CO <sub>2</sub> Alarm	Audible
Controller Output Load	120VAC, 10A
Power	120VAC
Meter Dimensions	6.2 x 4.2 x 2" (158 x 106 x 50mm)
Sensor Dimensions	4.9 x 1.3 x 1" (124 x 33 x 26mm)
Weight	1.5lbs (700g)

## Applications:

Monitor and control CO<sub>2</sub> values in closed spaces of residential/commercial buildings and greenhouses

Connect a CO<sub>2</sub> generator for greenhouse use or a ventilation fan for residential/commercial use

## Ordering Information:

GSM500 Carbon Dioxide Monitor/Controller

