

# CO2 Monitor



**Model:** SR-510A with ABS + Silica Gel material casing (Heavy Duty)

## Principle:

Detect CO<sub>2</sub> gas by infrared light (NIDR) source absorption principle

## Function Configuration:

CO<sub>2</sub> gas/ Temperature / Humidity / Real-time Date and Time

## Hardware Configuration:

3.2 inch TFT full-color display

Rear suspension hole and automatic adjustment support frame

Rechargeable lithium battery or separate external USB power supply

## Software configuration:

Alarm setting

Local trend graph

Sensor service life 10 years

Data recording 20000 groups

Computer APP data trend graph



Data recording interval time measurement



## Technical specifications

Power supply	3.7V, 2200mAh 18650 rechargeable lithium ion battery or 5V USB cable for power supply
Input	(USB) 5V/2A
CO2 Measuring range	0~10000PPM
CO2 Resolution	1PPM
CO2 Accuracy	±40PPM±rdg10%
Temperature range	-20~60°C(-4~140°F)
Temperature accuracy	±1°C(±2°F)
Temperature resolution	0.01°C/°F
Humidity range	0~100% RH
Humidity accuracy	±2%RH (20~80%RH)
Humidity resolution	0.01% RH
Working current	100~300mA
Charging time	3 hours
Discography	20000 groups
Operating humidity range: 0~99% RH	
Storage temperature range: -40~80°C (-40~180°F)	
Operating temperature range: -10~+60°C(-14~140°F)	

## Data Records & Export

- ★ Max. **20000** groups of data records, including CO2 concentration, temperature, humidity, alarm log and time
- ★ All data can be exported after connecting to the computer (  /  )

