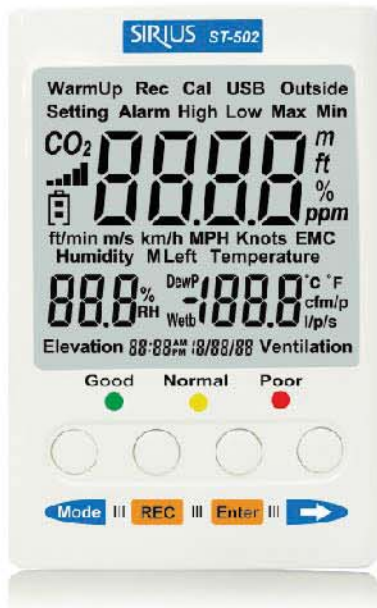




ST-502 CO₂ / Temperature / RH Monitor Desktop Indoor Air Quality (IAQ) Monitor



Features:

- Non-Dispersive Infrared (NDIR) CO₂ sensor ensures long term stability and durability.
- 4 Measurements-CO₂ / CO₂ Ventilation Rate/ Temperature / Humidity.
- Large display.
- Easy-to-use PC software for parameter settings and analysis.
- Fast USB download.
- Internal backup battery to maintain date/time setting.
- CO₂/Temperature/Humidity high, low alarm setting.
- Set on the table or wall-Mounted(use 1/4" tripod nut).
- Power adaptor AC 100V~240V to DC 12V/1.0A.

Applications:

- Building HVAC monitoring.
- Indoor air quality survey.

Specifications:

- Datalogging capacity **50000** records.
- Operation condition: 0-50°C(32-122°F), 5-95%RH(non-condensing).
- Storage temperature & Humidity: -10~60°C(14~140°F) ≤ 70%RH.

CO₂:

Type	Non-dispersive infra-red(NDIR)
Measurement Range	0 to 9999ppm
Accuracy	±5% of reading or ±75ppm.(0-2000ppm, others out of scale range)
Resolution	±1ppm
Response Time	Typ. 2minutes by 90%

Temperature:

Type	Thermistor
Measurement Range	0°C~50°C / 32°F~122°F
Accuracy	±1.0°C/±1.8°F
Resolution	0.1°C/0.1°F
Response Time	Typ. 1 second

Relative Humidity:

Type	Capacitive
Measurement Range	5-95%
Accuracy	±3.0%RH(20~80%); ±5.0%RH(<20%,>80%)
Resolution	0.1%
Response Time	Typ. 4 seconds