



Data Logger Features

- **8 Channel.**
- **Analog / digital /4-20 mA / 0-5V input ports.**
- **Rs232/Rs485.**
- **Set point feature in all channel.**
- **Lcd display.**
- **GUI software for online server.**
- **8 Gb memory card storage.**
- **USB interface to PC.**
- **Data download in excel format.**
- **Single relay for controlling the application.**

Optional (Tick to Include)

1. **MODBUS Interface**
2. **Ethernet Interface**
3. **GSM/GPRS Interface**
4. **Wi-Fi Interface**
5. **Battery Back up to 6-8 hour**
6. **IP65 Enclosure**

Information Display Features (Optional)

1. **Indoor Led Board**
2. **Outdoor Led Board**

Software (Optional)

1. **Window DAQ S/W**
2. **Cloud/Mobile App S/W**
3. **MODBUS S/W**

Live Report from Cloud

Report



Sensor Specification

Temperature Sensor

- **Measurement Range:** -40 to 70 °C
- **Accuracy:** ± 0.1 ° C
- **Resolution:** 0.01 ° C
- **Output:** 0 – 5v
- **Response:** <15 sec without filter



Relative Humidity Sensor

- **Measurement Range:** 0 to 100% RH
- **Accuracy:** ±2% RH
- **Resolution:** 0.05%
- **Output:** 0 – 5v
- **Response:** <15 sec without filter

PM 2.5 & PM 10.0 Sensor

- **Output Signal:** RS485
- **Detect Range:** 0-999 ug/m3
- **Resolution:** 0.1ug/m3
- **Accuracy:** <±10% of Reading
- **Stability:** <2% F.S



So2 Sensor

- **Output Signal:** RS485
- **Detect Rang:** 0-20ppm
- **Resolution:** 100ppb
- **Accuracy:** ≤±3% Reading



No2 Sensor

- **Output Signal:** RS485
- **Detect Rang:** 0-20ppm
- **Resolution:** 100ppb
- **Accuracy:** ≤±3% Reading



CO Sensor

- **Output Signal:** RS485
- **Detect Rang:** 0-1000ppm
- **Resolution:** 500ppb
- **Accuracy:** ≤±3% Reading



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Block Diagram

