



**IoT Air  
Quality Monitor &  
Controller**

**Air quality Detector, Gas detector, CO2, TVOC,  
PM2.5, PM1.0, Temperature, Humidity**

- Big LCD Display
- Real Time Monitor
- Smart App Data  
Logger/Export
- Adjustable  
Screen Light
- IoT controller/  
RS485/Relays
- Alarm  
Notifications
- Auto or Manual  
Calibration
- Accurate NDIR  
Sensor

**Real-time monitor the air quality by your Smartphone. You can review the alarm history and rest the alarm alert range via APP. All Alarms can be muted via APP.**

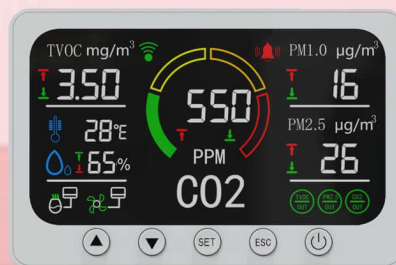
**Technical Data**

	Measuring Range	Resolution	
Co2	: 400-5000PPM	1 PPM	TVOC : Over 0.5mg/m3--buzzer alarm
TVOC	: 0-9.99mg/m3	0.05 mg/m3	PM1.0 / PM2.5 : Over 75µg/m3--buzzer alarm
PM2.5 / PM1.0	: 0-100 µg/m3, 101-500µg/m3	±10 µg/m3, ±10%µg/m3	Sensor : NDIR Co2 Sensor, Laser Dust Sensor Laser TVOC Sensor, Temperature and Humidity Sensor
Temperature	: -20 - 60°C	±2°C	Power Supply : DC12V Adaptor
Humidity	: 5% - 95% RH	±5%RH	Warm-up Time : < 7 Second
Co2 Indicator	: 0-499PPM -- Green light bar 1000-1499PPM -- Orange light bar	±5%RH 500-999PPM -- Yellow light bar over 1500PPM -- Red bar	Product Weight : 500g / Signal Output : Support data export/ data logger by RS485/Relays
			App Controller : Tuya Smart Life App

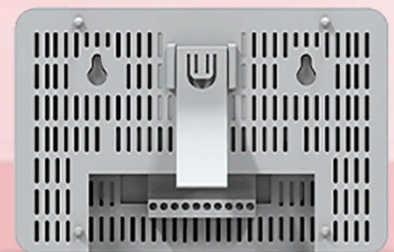
**Function**

- Co2
- Humidity
- Temperature
- TVOC
- Thermostat by Tuya app controller
- Inter-connect with Air Purifier, Circulation Fan, Humidifier and Ventilation System
- PM.2/ P.M1.0
- WiFi TUYA
- RS485 Output

Front view



Back view



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