



# 戶外型多合一氣體感測器 MTG300-08



## 特點

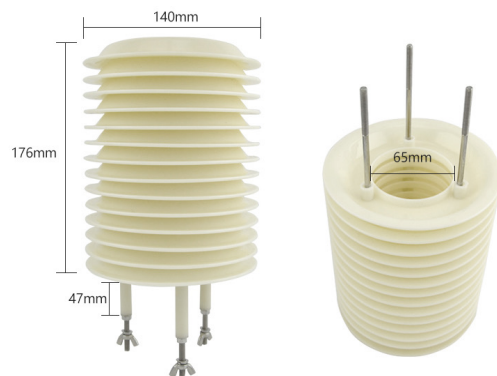
1. 具高靈敏度、快速響應、可有效抗水蒸氣、高穩定性、使用壽命長等特性。
2. 採用高精度數據採集芯片，先進的製造工藝和表面貼裝技術，確保測量數據準確可靠。
3. 適用於大部分通用環境感測，監測參數齊全，數據準確。
4. 監測參數，可根據要求訂製，最多5-6個參數(包括空氣溫度、空氣濕度、CO<sub>2</sub>濃度、CO濃度、甲醛、氧氣、PM<sub>1.0</sub>/2.5/10.0、大氣壓力、、臭氧、揮發性有機物，空氣質量等。

## TECHNICAL SPECIFICATION

Item	Technical Specification		
	Range	Resolution	Accuracy
Temperature	- 30°C ~ 70°C	0.1°C	±0. 2°C
Humidity	0 ~ 100%RH	0.1%RH	±3%RH
Illuminance	0 ~ 200K Lux	10 Lux	±5%
Dew point temperature	- 100°C ~ 40°C	0.1°C	±0. 3°C
Air pressure	600 ~ 1100hPa	0.1hPa	±0.5hPa
CO <sub>2</sub>	0 ~ 5000ppm	1ppm	±75ppm + 2%rdg
Civil CO	0 ~ 500ppm	0.1ppm	±2%FS
PM1.0/2.5/10	0 ~ 1000µg/m3	1µg/m3	±3%FS
TVOC	0 ~ 5000ppb	1ppb	±3%
CH <sub>2</sub> O	0 ~ 5000ppb	10ppb	±3%
O <sub>2</sub>	0 ~ 25%VOL	0.1%VOL	±2%FS
O <sub>3</sub>	0 ~ 10ppm	0.01ppm	±2%FS
Air quality	0 ~ 10mg/m3	0.05 mg/m3	±2%FS
NH <sub>3</sub>	0 ~ 100ppm	1ppm	±2%FS
H <sub>2</sub> S	0 ~ 100ppm	1ppm	±2%FS
NO	0~250ppm	0.1ppm	±3%FS
NO <sub>2</sub>	0 ~ 20ppm	0.1ppm	±2%FS
Odour	0 ~ 50ppm	0.01ppm	±2%FS
SO <sub>2</sub>	0 ~ 20ppm	0.1ppm	±2%FS
Cl <sub>2</sub>	0 ~ 10ppm	0.1ppm	±2%FS
Civil gas	0 ~ 5000ppm	50ppm	±3%LEL
Supply	12-24VDC		
Output	RS485		
Warm Up Time	3min		
Response Time	<1s		
Stability	<±1%FS		
Repeatability	<±2%FS		
Operating Temperature	-20°C~+60°C@15-80%RH		
Storage	-40-70°C@20%-90%RH		
Shell Material	ABS		

## DIMENSION

Unit:mm



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