



Handheld Multi Gas Detector

Monitor CO₂ CO PM2.5

to ensure a reliability and effective indoor air protection



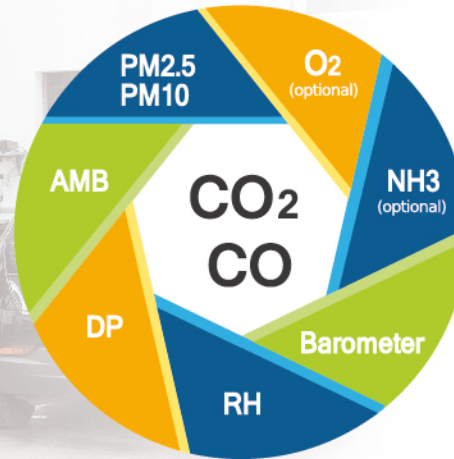
Indoor Parking Garage



Indoor Construction



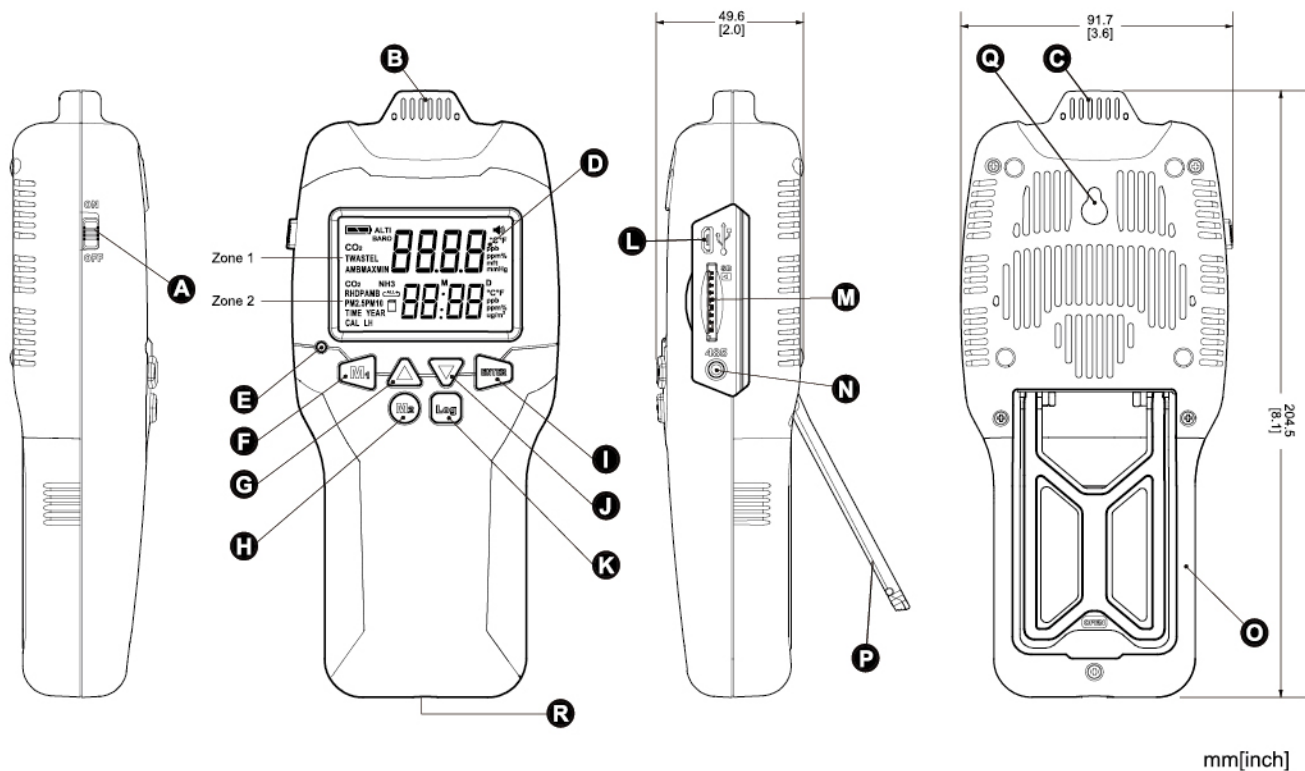
Kitchen



ZG9

- ▶ Dual Beam NDIR technology is used to measure CO₂ concentration
- ▶ Measurement items:
 - ◎ : CO₂, CO, PM2.5, PM10, RH, DP, AMB, Barometer (basic)
 - △ : O₂, NH₃ (optional)
- ▶ Audible Alarm
- ▶ Data Logging with SD Card
- ▶ RS485 Communication Interface
- ▶ Rechargeable Battery





- A** Power Key
- B** Humidity Sensor
- C** Temperature Sensor
- D** LCD
- E** Charge Lamp
- F** M1 (Zone 1 Mode Key)
- G** UP\TWA\STEL\Max/Min
- H** M2 (Zone 2 Mode Key)
- I** Enter
- J** DOWN\ALTI
- K** Log (Data logger)
- L** USB Socket
- M** SD Card Slot
- N** RS485 Jack
- O** Battery Cover
- P** Stand
- Q** Screw Position
- R** Tripod Screw

	CO ₂	CO	PM _{2.5} PM ₁₀	O ₂ (optional)	NH ₃ (optional)	RH	Temperature	Barometer
Measurement Range	0~9,999 ppm (5,001~9,999 ppm over range)	0~1,000 ppm	999 µg/m ³	0~25%	0~100 ppm	0~100%	0°C~50°C	50 ~110 kpa
Accuracy	0~5000ppm: ±(50ppm+3% of reading)	±10 ppm or 5% of reading, whichever is greater	±15% or ±15 µg/m ³ , whichever is greater	<2% FS/0.1 mbar	±10%	±3%@25°C (20% RH~80% RH), other ±5%	±1°C	±0.4 kpa
Display Resolution	1 ppm	1 ppm	1 µg/m ³	0.01%	1 ppm	0.01%	0.01°C	0.1 mmHg
Warm-up Time	<1 minute	5 minutes	<1 minute	<1 minute	5 minutes	-	-	-
Operating Conditions	0~40°C(32°F~104°F),0~95%RH, non-condensing, with lithium-ion batteries 0~50°C(32~122°F), 0~95%RH, non-condensing, without lithium-ion batteries							
Storage Temp.	-20~60°C(-4~140°F), 0~85%RH, non-condensing, without lithium-ion batteries							
Power Supply	Rechargeable Battery (not included): Li-ion 3.7V Unprotected Button top 18650 battery *3 (L65~67mm , Ø18~19mm) USB or 5 VDC AC adapter (not included)							
Storage Capacity	depend on SD card capacity (max.16G SD card)							
Comm. Interface	RS485 ModBus BR19200 \ N \ 8 \ 1							
Alarm Volume	80db±5%@10cm							

After power-on, it would take 20 minutes for the device to stably measure the temperature and relative humidity.

Specifications are subject to change without notice