

G-Tag

Smart Gas Detector



G-Tag
Wearable smart gas detector
Protecting you from suffocation
Anytime, anywhere

Overview

Distinct Advantages

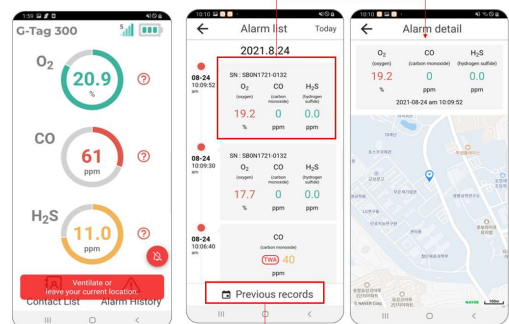
- **Always on** : Continuous operation for 2 years
- **Wearable** : Compact and light
- **IoT** : BLE(Bluetooth low energy) communication
- **Disposable** : Unnecessary to replace sensors or batteries(2years)

Features and Benefits

- Easy to carry
 - wearable all the time in operation for 2 years
 - very small and light
- Simple to use
 - just "Button on" to use
 - no need to charge or replace batteries
- Dedicated App(Android, IOS) to check
 - simple and intuitive interface
 - real time display of gas concentration
 - contact list for text messages in emergency
 - alarm histories(time, concentration, position)
 - replacement time notification for sensors and batteries
 - provision of various information about devices and usages
- Quick response to accidents in emergency
 - Immediate situation sharing with co-workers



[G-Tag and Application]



[Dedicated app.(can be modified)]

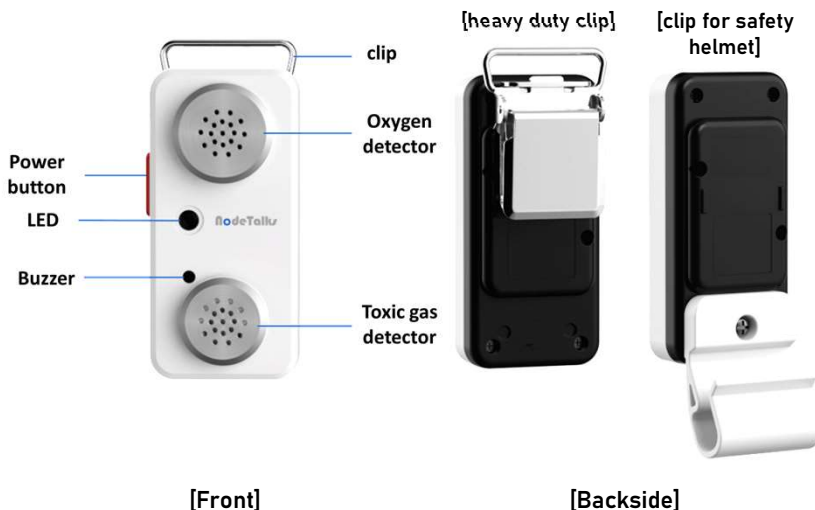


Model	Detecting Gas
G-Tag 100	Oxygen(O ₂)
G-Tag 200	Oxygen(O ₂)/Carbon monoxide(CO)
G-Tag 210	Oxygen(O ₂)/Hydrogen Sulfide(H ₂ S)
G-Tag 300	Oxygen(O ₂)/Carbon monoxide (CO)/Hydrogen Sulfide (H ₂ S)

G-Tag common specification

측정가스	Oxygen(O ₂)	Carbon monoxide (CO)	Hydrogen Sulfide(H ₂ S)
Detection Range	0 ~ 25.0 % vol.	0 ~ 500 ppm	0 ~ 100 ppm
Lifetime(year)*	2		
Response Time(T90)	30s	30s	30s
Resolution	0.1 %	1 ppm	0.1 ppm
Sensor Type	Electrochemical		
Detection Type	Diffusion		
Audible Alarm	80 dB (at 10 cm)		
Visual Alarm	High brightness LED (RGB)		
Other Alarm	Vibrator included		
Battery	3.6V Li		
Operating Temperature	-20 ~ +50℃		
Operating Humidity	10 ~ 90%RH (without condensation)		
Explosion-proof	Ex ia IIC T4 IP67		
Dimension	36mm(W)x75mm(H)x16mm(D)		
Weight	55g (clip excluded)		

(*) Continuous operation assuming 2 minutes alarm per day after device activation



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