

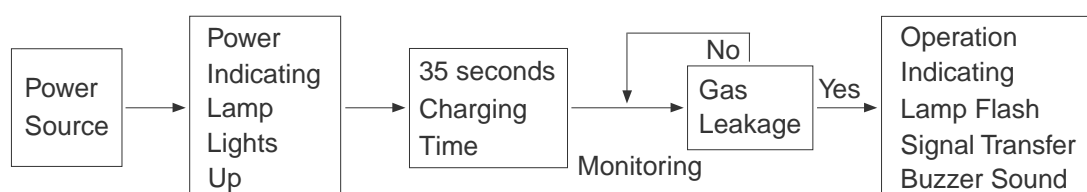
# Gas Detector



## Operation Theory

When Gas Detector is connected to a power source, the power indicating lamp will lights up, and the monitoring function will not be normal until the internal component is stable. When the gas leaking happened and exceed predetermined standard, the detector will produce a loud and regular sound and the operation indicating lamp will flash for warning. The detector includes signal transfer terminal to activate other device at the same time. When the gas density decreased under predetermined standard, the detector will automatically back to monitoring status.

## Operation Flow Chart



## Specification

Power Type	Control Panel	Individual ( 100 ~ 240VAC adaptor )
Power Source	12 / 24VDC	12VDC
Standby Current	40 ~ 45mA	65 ~ 70mA
Alarm Current	70 ~ 80mA	90 ~ 100mA
Charging Period	About 35 seconds	
Response time	Under 1 second	
Alarm Sound	85dB / M and above	
Sensitivity	0.05 ~ 0.30%	
Detection Type	Natural Gas & Propane Gas	
Ambient Temperature	-10 °C ~ +55 °C	
Color	Gray	
Dimensions	70mm (W) x 34mm (D) x120mm (H)	
Weight	About 130 g	

## Product Selections

Model	Power Source ( from control panel )	Alarm Sound	Relay Output NC/NO	Remark
AHG982-12A	12VDC	☉		Optional adaptor of 100 ~ 240VAC is only available for 12VDC power source.
AHG982-12B	12VDC	☉	☉	
AHG982-12C	12VDC		☉	
AHG982-24A	24VDC	☉		
AHG982-24B	24VDC	☉	☉	
AHG982-24C	24VDC		☉	