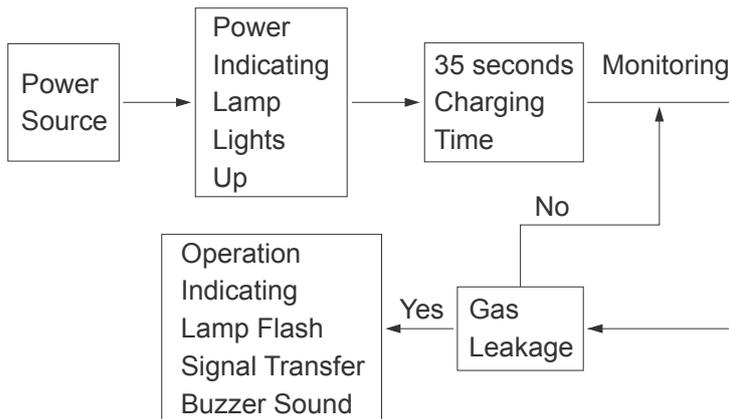


# Gas Detector

## 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



**Adaptor is only used for individual installation**



## Specification

Power Type	Control Panel	Individual (100~240VAC adaptor)
Power Source	12/24V DC	12V DC
Standby Current	40~45mA	65~70mA
Alarm Current	70~80mA	90~100mA
Charging Period	About 35 seconds	
Alarm Sound	85dB/M and above	
Sensitivity	0.05 ~ 0.30%	
Detection Type	Natural Gas & Propane Gas	
Ambient Temperature	-10°C ~ +55°C	
Dimensions	70mm(W)x35mm(D)x120mm(H)	
Weight	About 130g	
Color	Gray	

## Product Selections

Model	AHG982-12A	AHG982-12B	AHG982-12C
Power Source (from panel)	12V DC	12V DC	12V DC
Alarm Sound	✓	✓	
Relay Output COM. N.O. N.C.		✓	✓

**\*Optional adaptor of 100 ~ 240V AC is only available for 12V DC power source.**

Model	AHG982-24A	AHG982-24B	AHG982-24C
Power Source (from panel)	24V DC	24V DC	24V DC
Alarm Sound	✓	✓	
Relay Output COM. N.O.		✓	✓

Approvals

**CE UL** pending