



# AHG-982

## Gas Detector

### Operation Theory

When Gas Detector is connected to a power source, the power indicating lamp will light up, and in a few moments it will be in monitoring mode. When a gas leak occurs and exceeds a predetermined standard, the detector will produce a loud and regular sound and the operation indicating lamp will flash for warning. The detector includes a signal transfer terminal to activate other devices at the same time. When the gas density falls below predetermined standard, the detector will automatically return to monitoring status.

### Specification

Power Type	Control Panel	Individual (110~230VAC 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	

### Product Selections

Model	AHG982-12B	AHG982-12C	AHG982-24B	AHG982-24C
Power Source (from panel)	12V DC	12V DC	24V DC	24V DC
Alarm Sound	√		√	
Relay Output COM. N.O. N.C.	√	√	√	√
Adaptor 110~230VAC	Optional	Optional	N/A	N/A

Approvals: 