



GASVIGIL
Gas Detection Systems

About us



Established in the year 2004, we "Gasvigil Technologies Private Limited" are the leading manufacturer, supplier, importer and exporter of a wide range of Gas Detector and Gas Detection System. All our products are based on advanced technologies for detecting gas leakage. Our gas leak detection systems are widely used in industrial areas so that any gas related accident or disaster can be averted. Our products are economical & user friendly and can be easily installed.

We cater to many areas like gas manifolds / bullets, heat treatment plants, household kitchens, gas storage areas in hotels and cafeterias. By installing our manufactured products, our clients can be assured of round the clock safety.

We have a well sprawled and advanced manufacturing unit which enable us to produce the best in class products and structures which are unmatched in the market. Catering to the diversified demands of our esteemed clients, we also provide these products with customizations. Without compromising with the quality of our products, we have reasonably priced these products by following unmatched price management policies. Owing to the premium quality products and ethical management, we have mustered a huge client base for us.

Our Mission



“GASVIGIL is sharing best safety practices and provide products with thoughtfulness, understanding and trust.”



ATEX



RoHS
compliant





Market Leaders in Gas Detection Equipment Systems for all Environments, Businesses & Industry.

A wide product range together with the ability to design and manufacture world class fixed gas detection systems. Gasvigil Technologies Pvt Ltd is equipped to offer you the complete package.

What we can offer:

- Fixed Gas Detection Systems
- Gas Detectors for Flammable & Toxic / Hazardous gases
- Economical Range of Panels
- Accessories for Fixing
- Preventative Maintenance Contracts
- Safety Training
- Design Consultations
- Equipment designed and manufactured in India

With more than 20 years of experience behind us, we use our extensive in-house expertise to deliver reliable, cost-effective solutions tailored to meet the specific hazards of your industry. Our solutions cater to all market sectors and environments, providing you with ongoing support from site surveys, design and training, through to commissioning and project handover.

Detectors for

Combustible Gas: LPG - C₂H₄ - H₂ - CH₃OH - C₄H₁₀ - C₂H₆O

- C₇H₈ - LNG - C₅H₁₀ - CH₄ - C₂H₂ - C₃H₆O - C₃H₈ - CH₂

Toxic Gas: H₂S - CL₂ - SF₆ - CO - C₆H₆ - HCHO - HCL - NH₃ -

ETHENOL - SO₂ - CLO₂ - HCN - VOC

Other gases: O₂ - CO₂

Industries we cater to



COMMERCIAL KITCHENS



INDUSTRIES



GAS STORAGE



CHEMICAL PLANTS



METERING STATION



PHARMA



RESIDENTIAL



CAR PARK



STP PLANTS



BATTERY ROOMS

PANEL GV 108



- 60 Addressable Detectors
- Colour LCD Display
- Single 4 Core Sensor network
- BMS Output – Modbus
- Intelligent Fault Indicator
- Mute Switch
- Highly Audible Siren
- Optional – GSM for SMS Alert

PANEL GV 09 PLUS



- 12 Addressable Detectors
- Colour LCD Display
- Single 4 Core Sensor network
- BMS Output – Modbus
- Intelligent Fault Indicator
- Mute Switch
- Highly Audible Siren
- Optional – GSM for SMS Alert

PANEL GV 09 PRO



- Graphic LCD Display
- 4 Core Sensor network
- Fault Indicator
- Mute Switch
- Highly Audible Siren
- Available in 2/4/6/8 Channel Panels

PANEL GV 09



- Dual LED Display Indication
- 4 Core Sensor network
- Highly Audible Siren
- Available - 1 to 12 Channel Panel

Detectors



STAND ALONE

Detection Gas	All Gases
Range	0-100%
Min Reading	1%VOL
Display Error	±3%(F.S)
Transmission Distance	100m
Alarm Point	Low Alarm:10%VOL
Working Voltage	DC24±3V
Rated Power	2.5W
Output Signal	Relay/RS485/
Detection Way	Diffusion
Response Time	≤60s
Cable Specification	Four Wire system RVVP4*1.0mm2
Working Temp	-10°C~60°C
Working Humidity	10~95%RH
Storage Temp	10°C~40°C
Sensor Type	Pellistor / Electrochemical
Power Supply	DC24V
Production Grade	Exd IIC T6 Gb
Protection Grade	IP66
Electrical interface	M20*1.5mm2
Alarm Way	Sound Alarm & Flasher
Way to Install	Fixed bracket/tube mounting/wall mounting
Weight	0.850kg



GV 09

Detection Gas	LPG / PNG / H2 / C2H2
Range	0-100% LEL
Min Reading	1%LEL
Display Error	±3%(F.S)
Transmission Distance	80m
Alarm Point	10%LEL
Working Voltage	DC7±3V
Rated Power	2.5W
Output Signal	Analog Switching signal
Detection Way	Diffusion
Response Time	≤60s
Cable Specification	Four wire system RVVP4*1.0mm2
Working Temp	-10°C~60°C
Working Humidity	10~95%RH
Storage Temp	10°C~40°C
Sensor Type	Pellistor
Power Supply	DC7V
Production Grade	Exd IIC T6 Gb
Protection Grade	IP67
Electrical interface	M20*1.5mm2
Way to Install	Fixed bracket/Wall mounting
Weight	0.75kg

Detectors



GV 09 PLUS

Detection Gas	LPG / PNG / H ₂ / C ₂ H ₂ / NH ₃
Range	0-100% / VOL
Min Reading	1% VOL
Display Error	±3%(F.S)
Transmission Distance	850m
Alarm Point	10%VOL
Working Voltage	DC24±3V
Rated Power	2.5W
Output Signal	Digital RS485 Communication
Detection Way	Diffusion
Response Time	≤60s
Cable Specification	Four wire system RVVP4*1.0mm ²
Working Temp	-10°C~60°C
Working Humidity	10~95%RH
Storage Temp	10°C~40°C
Sensor Type	Pellistor / Electrochemical
Power Supply	DC24V
Production Grade	Exd IIC T6 Gb
Protection Grade	IP67
Electrical interface	M20*1.5mm ²
Way to Install	Fixed bracket/Wall mounting
Weight	0.75kg



GV 108

Detection Gas	ALL GASES
Range	0-100% / VOL
Min Reading	1%VOL
Display Error	±3%(F.S)
Transmission Distance	850m
Alarm Point	Low Alarm:10%LEL, High Alarm:30%LEL
Working Voltage	DC24±3V
Rated Power	2.5W
Output Signal	Digital RS485 Communication
Detection Way	Diffusion
Response Time	≤60s
Cable Specification	Four wire system RVVP4*1.0mm ²
Working Temp	-10°C~60°C
Working Humidity	10~95%RH
Storage Temp	10°C~40°C
Sensor Type	Pellistor / Electrochemical
Power Supply	DC24V
Production Grade	Exd IIC T6 Gb
Protection Grade	IP67
Electrical interface	M20*1.5mm ²
Way to Install	Fixed bracket/Wall mounting
Weight	0.75kg

Detectors



Carbon Monoxide Detector

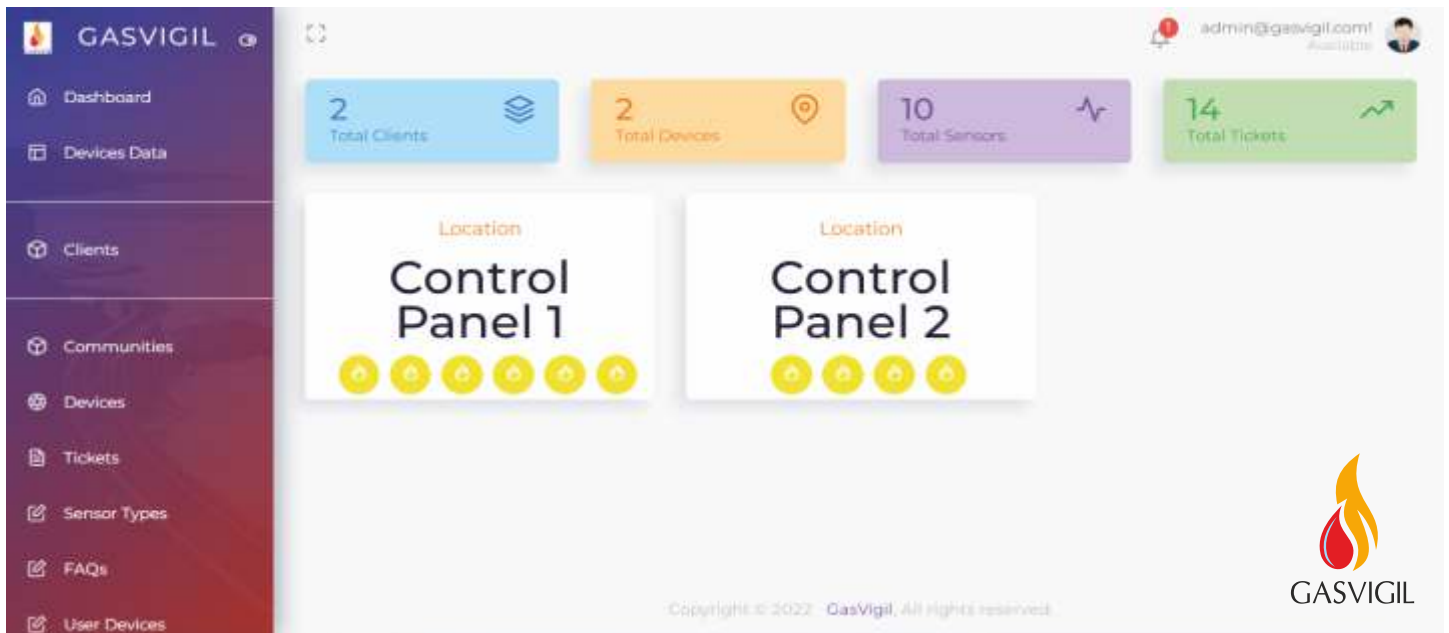
Detection Gas	CARBON MONOXIDE (CO)
Range	0 - 500 PPM
Min Reading	1% Vol
Display Error	±3%(F.S)
Transmission Distance	80m
Alarm Point	10%Vol
Working Voltage	DC24V±3V
Rated Power	2.5W
Output Signal	Analog / RS485 signal
Detection Way	Diffusion
Response Time	≤60s
Cable Specification	Four wire system RVVP4*1.0mm2
Working Temp	-10°C~50°C
Working Humidity	10~95%RH
Storage Temp	10°C~40°C
Sensor Type	Electrochemical
Power Supply	DC24 V
Production Grade	Exd IIC T6 Gb
Protection Grade	IP54
Electrical interface	PG9
Way to Install	Fixed bracket/Wall mounting
Weight	0.30kg



GV 045 (Residential)

Detection Gas	LPG / PNG
Range	0-100% LEL
Min Reading	1%LEL
Alarm Point	10%LEL
Rated Power	2.5W
Output Signal	1 Relay
Detection Way	Diffusion
Response Time	≤60s
Cable Specification	2 Wire Socket
Working Temp	-10°C~50°C
Working Humidity	10~95%RH
Storage Temp	10°C~40°C
Sensor Type	Semiconductor
Power Supply	230v AC
Production Grade	ABS Plastic
Way to Install	Wall mounting
Weight	0.200kg

Our IOT Software



Cloud Based Software Multiuser yearly subscription & maintainance



Realtime Data Monitoring / Alerts



Alarm Notification from Device



Customised reports for Audit

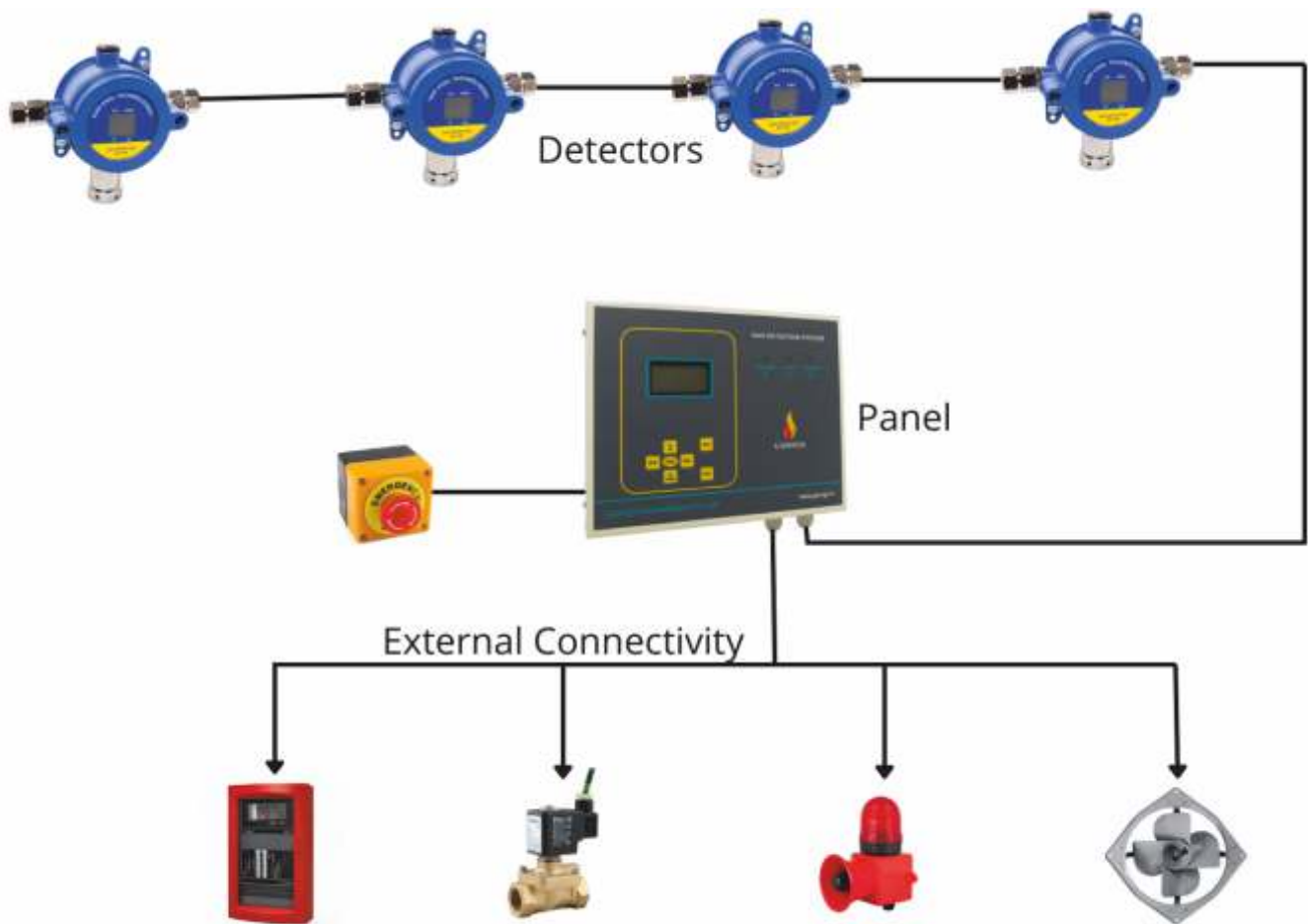


Sensor Calibration Notification



24 x 7 Monitoring

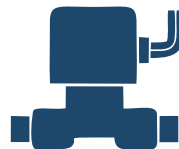
Installation Process



**External
Connectivity**



**Fire
Panel**



**Solenoid
Valve**



**Additional
Flasher / Siren**



**Exhaust
Jet Fans**



**Building
Management System**



**IoT
Software**

Clients

amazon.com



BASF
We create chemistry



COLUMBIA ASIA
HOSPITALS

Deloitte



Google



HYATT



POPEYES

Radisson



SANSERA
ENGINEERING



TESCO



Our Service Network



Gasvigil Technologies Pvt Ltd

(ISO 9001-2015 Certified)

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