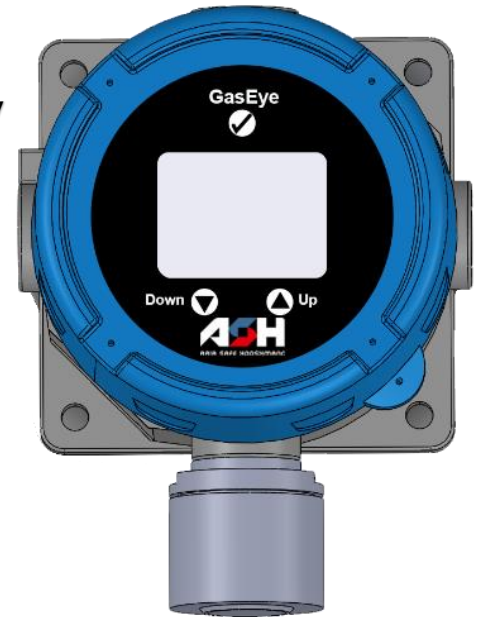# GasEye

Fixed Gas Detector

GasEye is our state-of-the-art Fixed Gas Detector is a critical safety device designed to monitor and detect the presence of hazardous gases in industrial environments to measure **Toxic** and **Combustible** gases.

With advanced sensors and reliable performance, our detectors provide early warnings of gas leaks, ensuring the safety. Trust in our Fixed Gas Detector for continuous monitoring and swift response to gas hazards.

Features

- User-friendly and intuitive tri-color back light display

- Fully configurable via magnetic switches

- Selectable sink or source 4-20mA output

- Suitable for indoor and outdoor use

- Stainless steel or aluminum enclouser

- Explosion-proof housing

- IP66 as standard

- Auto-inhibit during maintenance
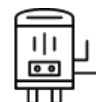
Gas Pipelines	Refinery	Oil Platform
Petroch	Gas Pressure Boosting Station	Boilers

Specifications		
Target Gas	Hydrogen sulfide(H2S)	Hydrocarbon (CH4)
Sensor type	Electrochemical	Infrared Sensors (IR)
User Selectable Full-Scale Range	10 to 100 ppm	20 to 100 %LEL
Default Range	50 ppm	100%LEL
Resolution	0.1ppm	1% LEL
Response Time	T90<25s	T90<30s
Sensor life	2 years in the air	> 5 Years
Sensor Temperature	-40°C / +55°C	-40°C / +75°C
Electrical		
Input Voltage Range	12 to 32 VDC (24VDC nominal)	
Max Power	3.7 W	
Electrical output	3 wire 4-20mA	
Communication	RS485, MODBUS RTU (Optional)	
Display	Graphical LCD with 3 Color Backlight indications	
Mechanical		
Material	Housing: Epoxy-painted aluminum alloy, Sensor enclouser: 316 SS	
Dimension	176.5 x 132.2 x 116.5mm (L.W.D)	
Weight	2.5 kg	
Mounting	An integral mounting plate with 4 x mounting holes is suitable for M8 bolts. Optional pipe mounting kit for horizontal or vertical pipe Ø1.5 to 3" (2" nominal)	
Cable Entries	2 x M20	
Environmental		
Ingress Protection	IP66	
Operating Temperature	-40°C / +75°C	
HUMIDITY	0–98% RH (non-condensing)	

Ordering Information

GasEye

ASGEA101

Housing Material

A	Aluminum
S	Stainless-steel

Sensor Type

1	Catalytic
2	Electrochemical
3	IR

Sensor Type

01	Methane (CH4)
02	Hydrogen Sulfide (H2S)
03	Ammonia (NH3)
04	Carbon Monoxide (CO)
05	Oxygen (O2)
06	Propane (C3H8)
07	Butane (C4H10)
08	Hydrogen(H2)
xx	Other gases

Enclosure

Terminal Board

Display Module

Enclosure Cover

Sensor Enclosure