

MODEL: HA-LS-210 [Name: Open path gas detector]

MODEL: HA-LS-210 Name: Open path gas detector	
DETECTION PRINCIPLE:	Lambert's law
GAS DETECTION:	H2S
DETECTION RANGE:	optional range (0~500) ppm
SENSITIVITY:	1ppm. m
RESPONSE TIME:	1 second
DETECTION DISTANCE:	0-150meters
WORKING POWER SUPPLY:	DC12V-28V
OUTPUT SIGNAL:	Output signal: RS485 or 4-20mA
PRODUCT WEIGHT:	3kg
INSTALLATION METHOD:	wall mounted or 4 "riser installation
ENVIRONMENTAL TEMPERATURE:	-40 to+65 °C
ENVIRONMENTAL HUMIDITY:	(0-95)% RH without condensation

MODEL: HA-LS-210

Name:
Open path gas detector

Protection level:
IP68

Safety Integrity Level:
SIL2

Explosion-proof mark:
Exd IIC T6 Gb



FUNCTIONS FEATURES

- ✓ Ultra long distance monitoring range
- ✓ Only single-sided power supply and wiring are required
- ✓ Support uploading PLC/DCS and other systems
- ✓ Backend computer monitoring
- ✓ Sound and light alarm
- ✓ IP68 dustproof, waterproof, explosion-proof



DESCRIPTION

This device uses the principle of ultraviolet irradiation and spectral absorption to measure gas concentration. When ultraviolet light passes through H2S gas, H2S molecules absorb ultraviolet light at a specific wavelength. The intensity of the absorbed light is proportional to the logarithm of the volume concentration, transmittance, and temperature of H2S, and inversely proportional to the length and pressure of the measurement cell. The concentration of H2S gas is calculated by comparing the ultraviolet light at the receiving end

Configurable gases

CH4, NH3, H2S



Sensor types

Laser, Ultraviolet, Infrared

Multi-function at a glance



CHEMICAL PLANT



STORAGE



GAS



BREW



FOOD MANUFACTURER



LABORATORY



OIL



COAL MINE



The equipment is manufactured using high-performance detection components and computer micro-control technology, combined with advanced fully automatic mounting technology.

PRODUCTDETAILS DISPLAY

- High-performance sensor
- Simple installation
- Two-level alarm

