

# YT-95H-A-N2 ONLINE GAS ALARM

YT-95H-A N2 Nitrogen gas detector(with alarm light) is a kind of monitoring gas concentration in different kinds of situations or pipelines 24h continuously wall mounted type gas detector. Using world first brand sensors, and advanced micro-process technology, with data display and high/low alarm, fast response, high precision and good stability. Powered by 24V DC, with 4-20mA, RS485, relay signal output. Explosion proof, suitable for different kinds of situations.



## Key Features

### High accuracy & Reliable

Specialized in gas detection for 16 years, using world first brand sensors, high precision, the detection result is approved by the third testing organization.

### Online monitoring with sound/light alarm

24h continuously monitoring, data will real-time display.

High/low alarm with sound and light, sound >90dB, alarm point is settable.

### Non-contacted control the device

With infrared ray controller, which can remote control alarm point settings, zero calibration, and address modification.

### Diversified output signals

4-20mA current signal output, compatible with different kinds of controllers.

RS485 digital signal output.

Relay signal output, to turn on/off ventilator, generators or other external devices.

### Variety of installation methods

Wall mounted type, installed on the wall directly, real time monitoring.

Piping type, installed on the pipeline, monitoring the gas concentration inside.  
Flow type, connected with external sampling pump and tube, measure the gas concentration in enclosed space.

#### Data transmission

Can be installed with computer software, to transmit the data to computer, workers can remote monitor the data.

#### High quality case

Die-cast aluminum case, strong and durable; Stainless steel case is available for choose, meeting the demand of different situations.

IP65 protection degree, water-proof, dust-proof, explosion-proof

#### Industry

**Application:** farms, livestocks, liquid ammonia plants, public toilets, septic tanks.

## Specification

<b>Detected Gas</b>	N2/Nitrogen
<b>Measure Range</b>	0-100%VOL、 etc
<b>Install Method</b>	Wall-mounted, piping type, flow-type
<b>Output signal</b>	4-20mA, 1-5V, 2-10V, RS485, RS232, relays (optional)
<b>Precision</b>	≤±3%F.S. (higher precision is available)
<b>Zero shift</b>	≤±1% (F.S./year)
<b>Display</b>	4 digits Nixie tube display.
<b>Connection mode</b>	G1/2 external thread explosion-proof flexible pipe
<b>Thread Size</b>	M45*2mm
<b>Temperature</b>	-20℃~50℃
<b>Humidity</b>	0-95%RH (non-condensing)
<b>Explosion-Proof</b>	Ex dIICT6
<b>Degree of protection</b>	IP65
<b>Alarm mode</b>	Sound, light
<b>Material</b>	Case: Die-cast aluminum Sensor housing: aluminum alloy or 316 stainless steel

<b>Power</b>	12-36V DC
<b>Dimensions</b>	180×150×90mm
<b>Weight</b>	≤1.6kg
<b>Approval</b>	CE, CNEX explosion proof certificate, CMC(China Metrology Certification)
<b>Warranty</b>	12 months