

# Wireless Ammonia Gas Detector

WL-AQA-A01 wireless ammonia detector is a IOT sensor which is based on ZigBee/SmartRoom technology design. This product is mainly used for detecting ammonia gas concentration in the air and sending out signals to the cloud or designated devices, such as mobile phone, tablet, PC etc. Meanwhile, the product can also be linked with other control devices(exhaust system etc.) according to the monitoring result.

The product has little interference to CO, H<sub>2</sub>, CO<sub>2</sub>, SiH<sub>4</sub>, it can be widely applied to aquaculture, animal husbandry, agriculture, petroleum, chemical industry and green industry. Wireless transmission, compact size and light weight make it competitive, it has a wide application, moreover, it is suitable for indoor and outdoor environment etc.



## Product Parameter:

Measuring Range	0-100 ppm
Max. Load	200ppm
Working Life	Two years in the air
Output	120±30nA/ppm
Resolution	1ppm
Temperature Range	-10°C to 40°C
Pressure Range	Atmospheric Pressure
Response Time(T 90)	< 50 seconds
Humidity Range	15-90 %RH (Non-condensed)
Zero Output	0ppm±34ppm
Max Zero Drift(20°Cto 40°C)	-8 ppm
Long Term Drift	<5%/ Six Months
Recommended Load value	10Ω
Transmission Mode	ZigBee/SmartRoom
Transmission Range	100m
Bias Voltage	No need