

HR901
Product
Specification





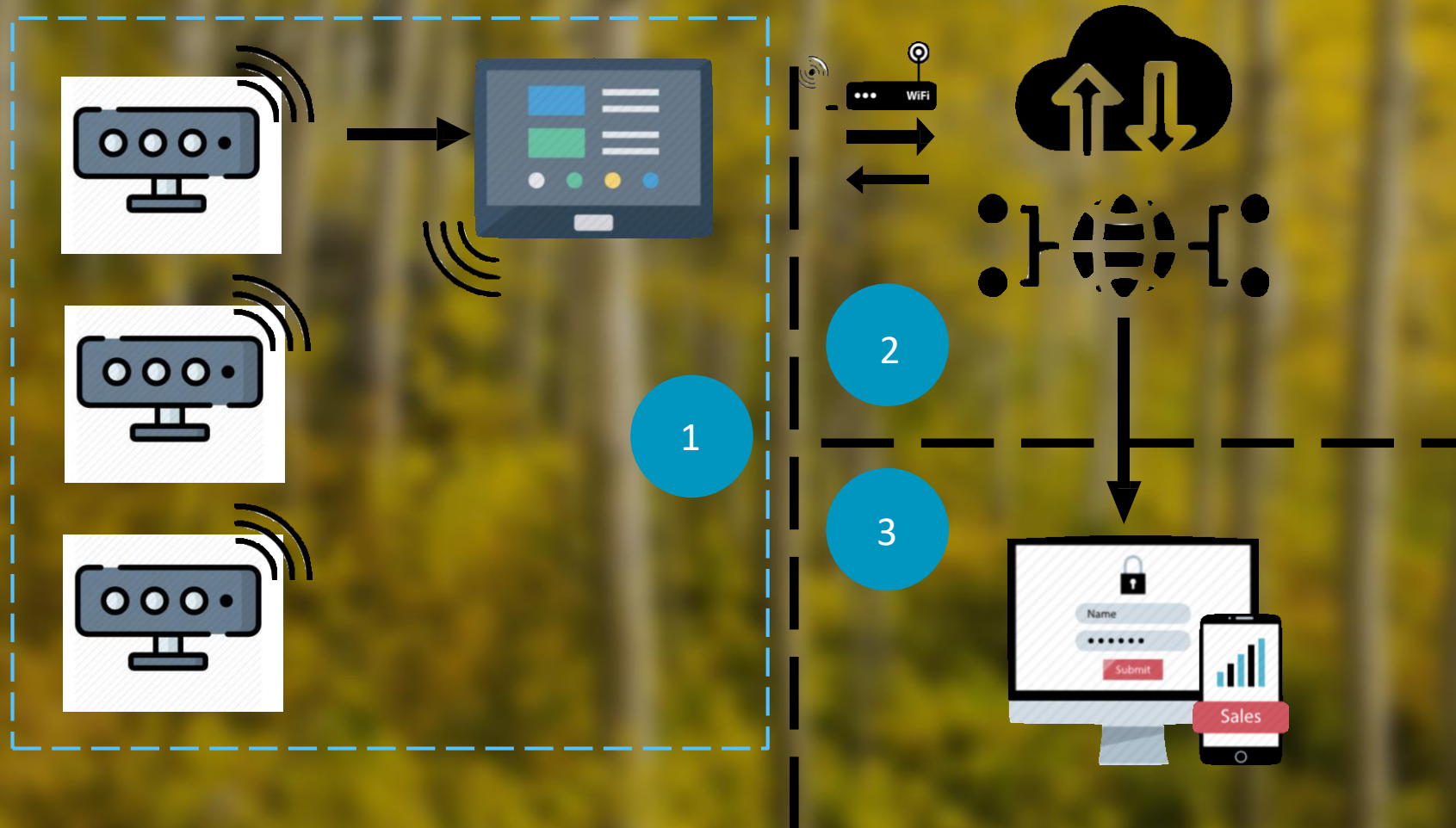
The HR901 provides superior detection of toxic and combustible gases, VOCs and humidity—all in one easy-to-configure device. Plus, you'll have vital details about threats happening in real-time—arming you with the information you need to act quickly.



Key Features

- **Monitors up to six threats.**
- **Measured Ppb performance level.**
- **The pluggable replacement detection module.**
- **Safety Solutions with LoRa, BLE, and Wi-Fi wireless configurations.**
- **Ruggedized, portable, and weather-resistant design for harsh environments.**

Sensor type	Gas type	Measurement range	Resolution
NDIR	CO ₂	400 to 2000 ppm UP to 10000 ppm	0.1 ppm
Chemical	O ₂	0 to 30 %	0.1 %
	CO	0 to 1000 ppm	0.01 ppm
	SO ₂	0 to 2000 ppb	10 ppb
	NO ₂	0 to 2000 ppb	10 ppb
	O ₃	0 to 2000 ppb	10 ppb
	H ₂ S	0 to 200 ppm	0.01 ppm
	NH ₃	0 to 100 ppm	0.01 ppm
	HCHO	0 to 200 ppm	0.01 ppm
	VOCs	0 to 5 ppm	0.01 ppm
Catalytic	CH ₄	0 to 100 %	0.1 %
Semiconductor	Temp	-20 to 125 °C	0.1 °C
	RH	0 to 99 %	0.1 %



Separable Detection Device.

1. Environment Air Quality Monitoring:

The independent module was composite by independent sensor module and display module. Sensor module transfer data to display module by cable or wireless, and display module transfer data that received to cloud.

2. Cloud:

Cloud will receive data and analysis, processing. And it download result to display module by wireless and management the display platform.

3. Management and display platform :

A functional platform that integrate management and display data.

Application



Indoor : Office, School, Hospital, Mall, etc.



Outdoor : Atmospheric environment, building construction dust, automobile exhaust, chemical park, etc.



Special places: breeding plants, agricultural greenhouses, smart toilets, etc.





SENSING NETWORK SERVICE

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