

**IMR IX616 Multi Gas Detector**

- **Gas sampling method:** natural diffusion
- **Gas sensor type:** catalytic (for combustible gas) and electrochemical (for H<sub>2</sub>S, CO and O<sub>2</sub>)
- **Detecting gas:** combustible gas, H<sub>2</sub>S, CO, O<sub>2</sub>
- **Accuracy:** ≤±5%FS
- **Response time:** ≤30s
- **Indication:** LCD displays real-time and system status, LED, audio and vibration alert for gas leakage, fault and low voltage
- **Working environment:** -20 to 50°C, 95% RH (no dew)
- **Power source:** 3.6V DC Rechargeable Li-on battery, 1,800Ah
- **Charging time:** ≤6h
- **Working time:** ≥8h continuously (without alarming)
- **Gas sensor life:** 2 years
- **Explosion-proof grade:** ExiaIICT4
- **Protection grade:** IP65
- **Weight:** 200g (with battery)
- **Dimensions:** 116 x 66 x 30mm



**Gas Ranges**

Target Gas	Detecting Range	Low-alarm range	High-alarm range	Default low alarm	Default high alarm	TWA Alert	STEL Alert
CH <sub>4</sub>	0~100%LEL	10%LEL~25%LEL	25%LEL~80%LEL	20%LEL	50%LEL		
H <sub>2</sub> S	0~100ppm	5ppm~15ppm	15ppm~30ppm	10ppm	15ppm	10ppm	15ppm
CO	0~1000ppm	25ppm~100ppm	100ppm~500ppm	35ppm	200ppm	35ppm	200ppm
O <sub>2</sub>	0~30%vol	16%vol~19.5%vol	22.5%vol~24%vol	19.5%vol	23.5%vol		