

OI-6940-XP2 Dual Gas

The Otis Instruments OI-6940-XP2 Series is a wireless, battery-powered dual gas detection system designed to monitor up to 2 gases simultaneously in hazardous environments.

Key Features:

- **Dual-Gas Monitoring:** Supports up to 2 sensors for toxic and combustible gases
- **Explosion-Proof Certification:** Class I, Division I, Groups B, C, and D rated, including during non-intrusive calibration
- **Continuous Monitoring:** Minute-by-minute readings with increased reporting to every 5 seconds above set thresholds
- **Integrated Display:** Real-time gas concentration visibility
- **Adjustable Set Points:** Configurable for site-specific conditions

Applications:

- Industrial facilities
- Chemical plants
- Oil and gas operations
- Hazardous environments

The OI-6940-XP2 delivers reliable, real-time dual gas monitoring with flexible configuration for enhanced safety in demanding applications.



WireFree Explosion-Proof Dual Gas Detector

Product Specifications

Sensor Type	Electrochemical, Photo Ionization Detector, and/or Low-Power Infrared Sensor
Power Type	Battery Powered 3.6 V (76 Ah) Battery Pack (Non-Rechargeable) with capacitor
Battery Life	6 Months—I year Battery Life (45 Days with VOC Sensor)
RF Connection	External N-Female Radio Frequency (RF) Connector
Display Screen	160x104 Resolution Graphical LCD Screen Transflective (Sunlight Readable) with LED Backlight
Interface	4 Push-Buttons (MENU, BACK, ADD, and SUB) 4 Magnetic Non-Intrusive Switches for Calibration (MENU, BACK, ADD, and SUB)
Customizable Settings	Adjustable Background Gas Setting (1% to 10% of Full Scale) Settable per Sensor Element
T _{amb} Temperature Range	-40°C to +60°C
WireFree Radio Options	GEN II 900 MHz Radio or GEN II 2.4 GHz Radio
Networks	52 Networks (GEN II 900 MHz Radio) 78 Networks (GEN II 2.4 GHz Radio) 255 Addresses per Network
Component Certification	Class I, Division I Groups B, C, & D
Product Dimensions	6.25 in. D x 9.29 in. W x 22.73 in. H (Max. Dimensions w/ Attachments)
Total Weight	15 lbs.
Hardware Warranty	Limited One Year
Sensor Element Warranty	Varies with Sensor Type and Element and is subject to Otis Verification
Part Number Formula	OI-6940-2-[Radio]-XP2 OI-6940-2-X-XP2 (specify gas types)