

## OI-6940-NXP QUAD

The Otis Instruments OI-6940-NXP Series is a wireless, AC-powered gas detection system with battery backup, designed to monitor up to four gases simultaneously for continuous safety assurance.

### Key Features:

- **Multi-Gas Monitoring:** Supports up to four sensors for toxic and combustibile gases
- **Non-Intrusive Calibration:** Field adjustments without opening the enclosure
- **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
- Wastewater treatment
- Laboratories

The OI-6940-NXP delivers reliable, continuous gas monitoring with flexible configuration for enhanced safety and operational confidence.



# WireFree Non Explosion-Proof Multi-Gas Assembly

## Product Specifications

Sensor Type	Electrochemical, Photo Ionization Detector, and/or Low-Power Infrared Sensor
Power Type	AC Power Supply with Integrated 3.6 V (76 Ah) Backup Battery Pack (Non-Rechargeable) with capacitor
Battery Life	6 Months—I year Battery Life (45 Days with VOC Sensor) ; Battery Pack takes over as power if device loses hard wired power
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)
T <sub>amb</sub> Temperature Range	-20°C to +54°C
WireFree Radio Options	GEN II 900 MHz Radio or GEN II 2.4 GHz Radio
Networks	52 Networks (GEN II 900 MHz Radio) or 78 Networks (GEN II 2.4 GHz Radio) 255 Addresses per Network
Product Dimensions	4-3/4 in. D x 10.5 in. W x 22 in. H (Max. Dimensions w/ Attachments)
Total Weight	10 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-[Number of Sensors]-[Radio]-NXP OI-6940-4-9-NXP