

The Otis Instruments, Inc. Gen II WireFree OI-6900 ambient air gas sensor assembly is a WireFree gas sensor assembly that uses an Electrochemical or Infrared sensor element to detect a variety of gases.

The device comes standard with a 102 x 64 graphical LCD screen, Otis Instruments standard three-button interface, Otis-blue custom explosion proof enclosure, non-intrusive magnetic switches, and radio (900 MHz or 2.4 GHz).

CSA & ATEX Certified



## Features & Benefits

- Non-intrusive calibration with MENU, ADD and SUB
- Glass lid for viewing amplifier display
- Explosion and weather proof custom Otis-blue enclosure
- Rapid response and clearing time
- Rain/splashguard for sensor protection

## Specifications

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- POWER: 3.6 Volt Lithium-Thionyl Chloride (Li-SOCI<sub>2</sub> w/ connector, non-rechargeable)
- BATTERY LIFE: EC 1 year (nominal); IR 6 months (nominal)
- UNIT ADDRESS: 1-52 networks (1-78 for 2.4 GHz);  
1-255 addresses per network
- BACKGROUND: Adjustable (0.01 to 10% of full-scale)
- DISPLAY: Graphical LCD, sunlight readable (transflective), LED back-light
- CERTIFICATION: CSA: Class I, Div I, Groups C and D T6 Ex d IIB, Zone 1 Aex d IIB T6  
ATEX: II 2 (1) GEx d mb [ia] IIB T6
- OPERATING TEMP.: -40° F to 129° F; -40° C to 54° C
- ENCLOSURE: Otis-blue explosion/flame-proof
- WARRANTY: Hardware: One year (limited)  
Sensor: One year (varies with sensor type)  
Battery: 90 days from ship date

### Options

- SENSOR TYPE: Electrochemical or Infrared
- GASES: H<sub>2</sub>S, O<sub>2</sub>, CL<sub>2</sub>, H<sub>2</sub>, NH<sub>3</sub>, CO, LEL and more
- RADIO TYPE: 2.4 GHz ISM, 100 mW or 900 MHz 200mW

# Dimensions

