

# GEN<sup>2</sup>

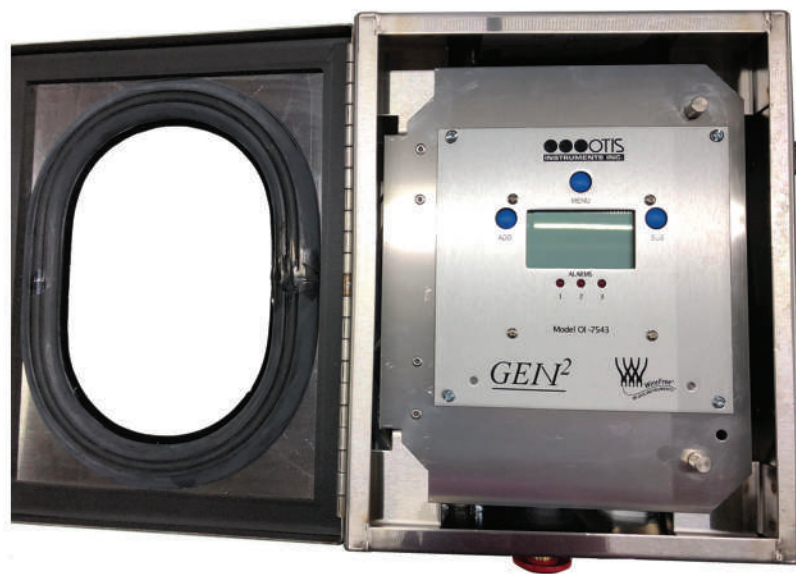
## OI-7543-6-X-X-I WireFree Monitor

### Six Channel GEN II WireFree Gas Monitor

The Otis Instruments OI-7543-6 six channel Gas Monitor with 3 Dry Contact Relays can monitor up to 6 individual GEN II WireFree Gas Detectors and Transmitters. A 5.0 GHz Wireless TCP/IP Modbus Output allows for data communication to a PLC or other system monitoring device. The OI-7543-6 is available with standard DC or optional AC power, making this monitor a great addition to your gas detection network.

#### Product Features

- 6 Channel Gas Monitor
- GEN II WireFree (Wireless) Communication
- Wired Power
- 12V to 35V DC Operating Voltage
- Optional 120-240 Volt AC Power Supply
- 275 mA Maximum Current Draw
- 128x64 Resolution Graphical LCD Screen; Transflective (Sunlight Readable) with LED Backlight
- 3 Push-Buttons (MENU, ADD, and SUB)
- 3 Magnetic Non-Intrusive Switches (MENU, ADD, and SUB)
- Individually-Configurable Alarm Set-Points/Channel
- Latching and Non-Latching Relay Settings
- 5.0 GHz Wireless TCP/IP Modbus Output
- System Fault Detection with Wet Contact Fault Terminal
- 3 Alarm LEDs
- -30°C to +70°C T<sub>amb</sub> Temperature Range
- Available with GEN II 900 MHz Radio or GEN II 2.4 GHz Radio
- Stainless Steel Enclosure
- QPS-CSA Certified
- 1-Year Limited Warranty on Hardware



#### OI-7543-6 Product Specifications

Product Specifications	
Product Type	Gas Monitor
Power Type	Wired Power
Operating Voltage	12V to 35V DC
Current Draw	275 mA Maximum
Power Supply	3.13A (75W), 85/264V AC to 24V DC (Optional)
Protection	Power Electromagnetic Interference (EMI) Filter
Display Screen	128x64 Resolution Graphical LCD Screen Transflective (Sunlight Readable) with LED Backlight
Interface	3 Push-Buttons (MENU, ADD, and SUB) 3 Magnetic Non-Intrusive Switches
Output	5.0 GHz Wireless TCP/IP Modbus Output
T <sub>amb</sub> Temperature Range	-30°C to +70°C (-22°F to +158°F)
WireFree (Digital) Input	Up to 6 WireFree Sensor Inputs
Relays	3 Dry-Contact Relays with 4 Amp Replaceable Fuses Wet Contact Fault Terminal Individually-Configurable Alarm Set-Points/Channel Latching and Non-Latching Relay Settings/Channel
Product Compatibility	GEN II WireFree Sensors (OI-6000, OI-6900, OI-6900) GEN II WireFree Transmitters (OI-5900, OI-5950)
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
Enclosure Material	Stainless Steel Enclosure w/ Clear Window
Product Dimensions	8 in. L x 8 in. W x 4 in. H (Max Dimensions w/ Attachments)
Total Weight	12.8 lbs.
Certifications	QPS-CSA
Hardware Warranty	1-Year, Limited
Part Number Formula	OI-7543-6-[Radio]-[Power]-[Enclosure] OI-7543-6-X-X-I