



Gas and Flame Detection

Leaders in Gas Detection Since 1983, WireFree Since 2005

Made in the United States of America

WireFree Detectors



OI-6900

- Electrochemical, PID and IR
- Wireless communication



OI-6940

- Up to 4 sensors in one enclosure
- Electrochemical, PID and IR



OI-6900 CUBE

- Electrochemical, PID, and IR
- Wireless communication

Wired Detectors



OI-6000

- 3 Wire Detector
- Electrochemical, IR, catalytic bead and PID sensors
- Output options: Radio, 4-20 mA, RS-485 Modbus and Relays



OI-6000 CUBE

- 3 Wire Detector
- Electrochemical, IR, Refrigerant or PID
- Output options: Radio, 4-20 mA, RS-485 Modbus and Relays
- Stand alone with light and siren option



OI-6750

- 2 Wire Detector
- Electrochemical sensor only
- 2-wire loop-powered, 4-20 mA out

WireFree Controllers

OI-7010



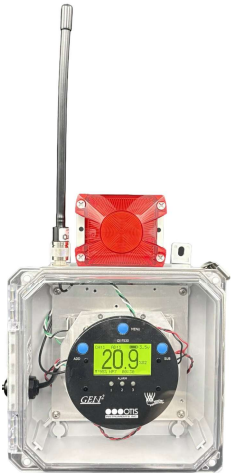
- 32 Channel Hybrid Controller
- RS-485 Modbus Output
- Radio options: 900 MHz radio or 2.4 GHz radio
- 4 programmable relays

OI-7032



- 32 Channel Hybrid Data logging Touchscreen Controller
- RS-485 Modbus Output
- Radio options: 900 MHz radio or 2.4 GHz radio
- 4 programmable relays
- 3 month data logging

OI-7530 NXP



- 32 Channel Secondary Controller
- RS-485 Modbus Output
- Radio options: 900 MHz radio or 2.4 GHz radio
- 3 programmable relays

OI-9850



- 255 Channel Interface Controller
- RS-232 or RS-485 Modbus Output
- Radio options: 900 MHz radio or 2.4 GHz radio
- Provides optional 4-20 mA outputs, up to 32

Wired Controllers

OI-7432



- 32 Channel Wired Modbus Controller
- RS-485 Modbus Output
- 4 programmable relays

OI-7480



- 12 Channel Wired Controller
- Supports any 4-20 mA wired sensor
- RS-485 Modbus Output
- 4 programmable relays

Additional Products



OI-5950

- Switch state signal transmitter
- Ideal for ESD buttons
- Battery powered



OI-7530 XP

- 32 Channel Secondary Explosion Proof Controller
- RS-485 Modbus Output
- Radio options: 900 MHz radio or 2.4 GHz radio
- 3 programmable relays



OI-9100

- Portable signal-strength meter
- Displays radio signal strength, gas readings, battery voltage, TSLM and gas types

Alarms



C1 D1 Light Siren Combo

- Class 1 Div 1 light and siren combos
- 20—28 VDC
- 115 dB
- 5 Joule beacon energy
- 64 selectable alarm tones



C1 D1 Siren

- Class 1 Div 1 siren alarm
- 24 VDC
- 110 dB
- 8 selectable alarm tones



C1 D2 LED Light

- Class 1 Div 2 light
- 24 VDC
- 6 lens colors
- Flash Modes: Steady, Single Flash, Double Flash

OtisLink Telemetry



DISPLAYS | ALERTS | TRENDS | REPORTS

OtisLink Telemetry systems deliver cloud-based remote monitoring solutions for industrial devices, supported by comprehensive data services. Devices provide real-time data through an intuitive web interface and issue alarm notifications via email and SMS. With both wired and WireFree connectivity options, OtisLink enables users to efficiently monitor and manage their assets.

- Mobile access to current gas levels, sensor battery levels, alarm relays, mobile dashboards, administrative duties, and high alarm notifications
- Automated alerts for potential problems received via call, text, or email
- SSL connection and encrypted passwords for enhanced security
- Administrative controls to add or remove users, limit device control, control alert recipients, and file storage
- User-friendly customized reports to store and are available for delivery to necessary users
- Access trends based on historically collected data



Flame Detection

OI-660 UV



- Class 1 Div 1 Ultraviolet Flame Detector
- 20—32 VDC
- 120 degree field of view
- Field configurable relays

OI-760 Multi IR



- Class 1 Div 1 Multi Spectrum IR Flame Detector
- 20—30 VDC
- 90 degree field of view
- Field configurable relays

OI-860



- Class 1 Div 1 UV IR Flame Detector
- 20—32 VDC
- 90 degree field of view
- Field configurable relays

Contact Us

Corporate Office

301 South Texas Avenue

Bryan, Texas 77803

Phone: (979) 776-7700

Midland Office

3308 Norden Drive

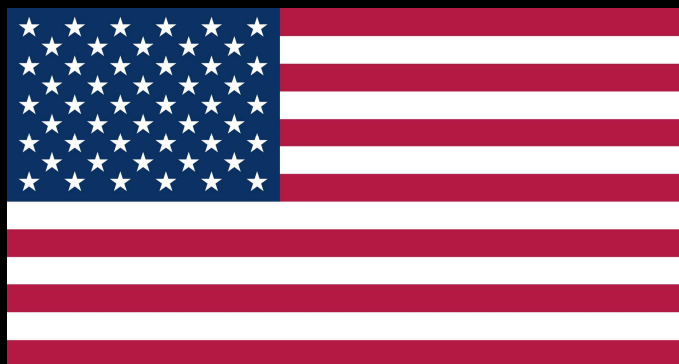
Midland, TX 79706

Phone: (432) 563-5858

General Contact

sales@otisinstruments.com

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Gas Name	Range
Arsine - AsH ₃	0-1 PPM
Formaldehyde - CH ₂ O	0-10 PPM
Methyl Mercaptan - CH ₃ SH	0-10 PPM
Chlorine - Cl ₂	0-10 PPM
Chlorine Dioxide - ClO ₂	0-5 PPM
Carbon Monoxide - CO	0-1000 PPM
Ethylene Oxide - EtO	0-10 PPM
Hydrogen - H ₂	0-4% Vol
Hydrogen Sulphide - H ₂ S	0-10 PPM
	0-25 PPM
	0-50 PPM
	0-100 PPM
Hydrogen Chloride - HCl	0-20 PPM
	0-200 PPM
Hydrogen Cyanide - HCN	0-100 PPM
Hydrogen Fluoride - HF	0-10 PPM
Ammonia - NH ₃	0-100 PPM
	0-300 PPM
	0-1000 PPM
Nitrogen Monoxide/Nitric Oxide - NO	0-250 PPM
Nitrogen Dioxide - NO ₂	0-20 PPM
Oxygen - O ₂	0-25% Vol
Ozone - O ₃	0-5 PPM
	0-100 PPM
Phosphine - PH ₃	0-5 PPM
Silane - SiH ₄	0-50 PPM
Sulfur Dioxide - SO ₂	0-20 PPM
Methane - CH ₄	0-100% LEL
	0-100% Vol
Propane - C ₃ H ₈	0-100% LEL
Carbon Dioxide - CO ₂	0-5% Vol
	0-100% Vol
	0-5000 PPM
Refrigerant - R1234yf	0-2000 PPM
Refrigerant - R1234ze	0-2000 PPM
Refrigerant - R134A	0-2000 PPM
Refrigerant - R32	0-2000 PPM
Refrigerant - R404A	0-2000 PPM
Refrigerant - SF ₆	0-2000 PPM
Volatile Organic Compound - VOC - 10.6eV Lamp	0-10 PPM
	0-20 PPM
	0-50 PPM
	0-1000 PPM
	0-2000 PPM
Volatile Organic Compound - VOC - 10.0eV Lamp	0-100 PPM
Volatile Organic Compound - VOC - 11.7ev Lamp	0-100 PPM

* For more gas type inquiries please contact us