

OI-7032-A4 Hybrid Touchscreen Monitor

The Otis Instruments Model OI-7032 Controller is a versatile hybrid touchscreen monitor designed to support up to 32 WireFree sensor inputs, providing a seamless blend of wireless and wired gas detection capabilities. With advanced data logging and historical analysis features, the OI-7032 enhances safety monitoring and operational insight.

Key Features:

- **Hybrid Sensor Compatibility:** Supports 32 WireFree sensor inputs, with 4 channels configurable for 4-20 mA wired inputs, enabling integration with both WireFree and wired sensors.
- **Advanced Data Logging:** Automatically logs data from sensor assemblies, allowing for historical analysis and trend monitoring of site operations.
- **Intuitive Touchscreen Interface:** The touchscreen display provides easy access to sensor data, system settings, and diagnostics, enhancing user experience and control.
- **Flexible Power Options:** Operates on standard DC power with the option for AC power configuration, adapting to various installation requirements.
- **Enhanced Communication:** Equipped with a GEN I radio, the OI-7032 communicates with GEN I and GEN II sensors, offering broad compatibility within gas detection networks.
- **Durable and Customizable:** Built for demanding environments, the OI-7032 offers customizable settings to meet specific application needs.

Ideal For:

- Industrial safety and monitoring systems
- Environmental data analysis
- Commercial gas detection networks
- Mixed sensor environments

When paired with Otis sensors, the Model OI-7032 Controller delivers a comprehensive gas detection solution, combining reliable performance, data-driven insights, and operational flexibility for safe and efficient monitoring.



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32-Channel Hybrid Gas Monitor with Data Logger

Product Specifications	
Product Type	32 Channel Touchscreen Hybrid Gas Monitor
Operating Voltage	24 VDC
Current Draw	300 mA Maximum
Power Supply	6.25A (150W), 85/264V AC to 24V DC (Optional)
RF Connection	External N-Female Radio Frequency (RF) Connector
Protection	Power Electromagnetic Interference (EMI) Filter 4-20 mA Surge Suppression RS-485 Surge Suppression
Display Screen	800x480 Resolution 7 in. Resistive Touchscreen
Interface	Touchscreen
Customizable Settings	Option to Disable Alarm Relays
T _{amb} Temperature Range	-20°C to +50°C (-4°F to +122°F)
WireFree (Digital)	Up to 32 WireFree (Digital) Inputs, of which up to 4 can be 4-20 mA Wired (Analog) Inputs
Relays	4 Dry-Contact Relays with 4 Amp Replaceable Fuses Individually Set Full Scale; Normally Open or Normally Closed; Latching or Non-Latching
Digital Output	RS-485 Modbus
Product Compatibility	All Otis GEN I and GEN II WireFree Products and Any Wired 4-20 mA Sensors
WireFree Radio Options	GEN II 900 MHz Radio GEN II 2.4 GHz Radio GEN I 900 MHz Radio
Networks	52 Networks (GEN II 900 MHz Radio) 78 Networks (GEN II 2.4 GHz Radio) 255 Addresses per Network
Enclosure Material	Fiberglass Enclosure w/ Clear Window
Product Dimensions	12 in. L x 10 in. W x 6 in. H (Max. Dimensions w/ Attachments)
Total Weight	12.15 lbs.
Product Mounting	4 Mounting Feet, 6 in. W x 12-1/4 in. T (Included) Maximum Mounting Bolt/Screw Size of 5/16 in. (8mm) Diameter
Hardware Warranty	Limited one year
Part Number Formula	OI-7032-[Power]-[Radio]-A4 OI-7032-X-X-A4

GEN²

