



LEADERS IN GAS DETECTION

Since 1977

32 Channel Non-Explosion Proof Hybrid Monitor and Data Logger

OI-7032-X-X-A4 Hybrid Touchscreen Monitor

The Otis Instruments Model OI-7032 Controller is a Hybrid Touchscreen Monitor that supports up to 32 WireFree Sensor inputs. In addition, 4 of the channels can be setup for 4-20 mA wired input, making the OI-7032 compatible with both WireFree and Wired sensors. The OI-7032 also logs the data reported by the sensor assemblies allowing for historical analysis of a site's operation. The OI-7032 comes standard with DC power and can be configured with an AC power supply. With the addition of a GEN I radio, the OI-7032 can operate in conjunction with either GEN I and/or GEN II sensors. This durable, flexible and customizable hybrid monitor, in conjunction with the Otis sensors, is part of a truly remarkable gas detection system.



Product Features

- 32 Channel Hybrid Touchscreen Monitor
 - Supports WireFree and Up to 4 Wired Sensors
- 24 VDC Operating Voltage
 - Optional AC Power Supply
- Operating Temperature Range of -20°C to +50°C
- 7 Inch Full Color Touchscreen
- GEN II 900 MHz or GEN II 2.4 GHz Radio Standard
 - GEN I 900 MHz Radio Can Also Be Installed
- Four Individually Configurable Alarm Set-Points
 - Four Red ALARM Indicators
 - Four Dry-Contact Relays (4 Amps Maximum per Relay)
- Status Indicator for Fault Conditions
 - Amber Indicator for System Faults
- Output Options:
 - Wet Contact DC Fault Terminal
 - Relay 4 Can Optionally be Configured as a Fault Relay
 - RS-485 Modbus
- 2GB USB Drive Included for Data logging
- 1-Year Limited Hardware Warranty
- Standard Fiberglass Enclosure with Clear Window



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Control Equipment Pty Ltd ABN 23 009 838 582

Head Office:

Unit 1 / 3 Deakin St
Brendale Qld 4500
Phone: (07) 3481 9000

Postal Address:

PO Box 5904
Brendale Qld 4500
sales@controlequipment.com.au
www.controlequipment.com.au

Offices/Agents in:

Sydney	Hobart
Melbourne	Auckland
Adelaide	Wellington
Perth	Christchurch



Specifications

OI-7032 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) and Wired (Analog) Input	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
Approvals	ABS Design Assessed
Hardware Warranty	Limited one year
Part Number Formula	OI-7032-[Power]-[Radio]-A4 OI-7032-X-X-A4



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