

# Data Sheet

Model OI-7432 GenII 4x32 ProSafe Monitor



## PRODUCT PHOTO



## DESCRIPTION

The Otis Instruments, Inc. GenII ProSafe 4x32 Model OI-7432 is a 32-channel gas monitor that functions as a transmission controller. The OI-7432 monitors toxic, combustable and oxygen gas levels in ambient air by receiving and displaying RS-485 Modbus signals from up to 32 OI-6000 sensor assemblies.

The OI-7432 operates with either 12-35 Volts DC or 110/240 Volts AC power-in and includes a Modbus output with optional real-time monitoring software.

## FEATURES

- RS-485 Modbus input
- Ability for each relay to be latched or non-latched
- Compatible with Otis OI-6000 Sensor Assemblies
- Monitors up to 32 OI-6000 Sensor Assemblies
- Continuous scanning to monitor all 32 channels
- AC or DC power-in option

## SPECIFICATIONS

<b>Operating Voltage:</b>	+12-35 Volts DC; 120/240 Volts AC
<b>Channel Options:</b>	32
<b>Input Signal:</b>	RS-485 Modbus
<b>Output (Int. Alm. Pwr):</b>	+12-35 VDC (Fault Indicator) RS-485 Modbus
<b>Current Draw:</b>	250mA at 12 VDC
<b>Protection:</b>	Power EMI filter & surge protection; 4-20mA & RS-485 surge protection
<b>Display:</b>	Graphical LCD (160x104), transflective, sunlight readable, LED backlight
<b>Relays:</b>	Four Dry-Contact (5 Amp) with 4 Amp fuses
<b>Enclosure:</b>	Stahlin 10x8x6 fiberglass with clear window
<b>Certifications:</b>	NEMA 4 (enclosure only)
<b>Warranty:</b>	Hardware: One year (limited)

**Otis Instruments, Inc.**  
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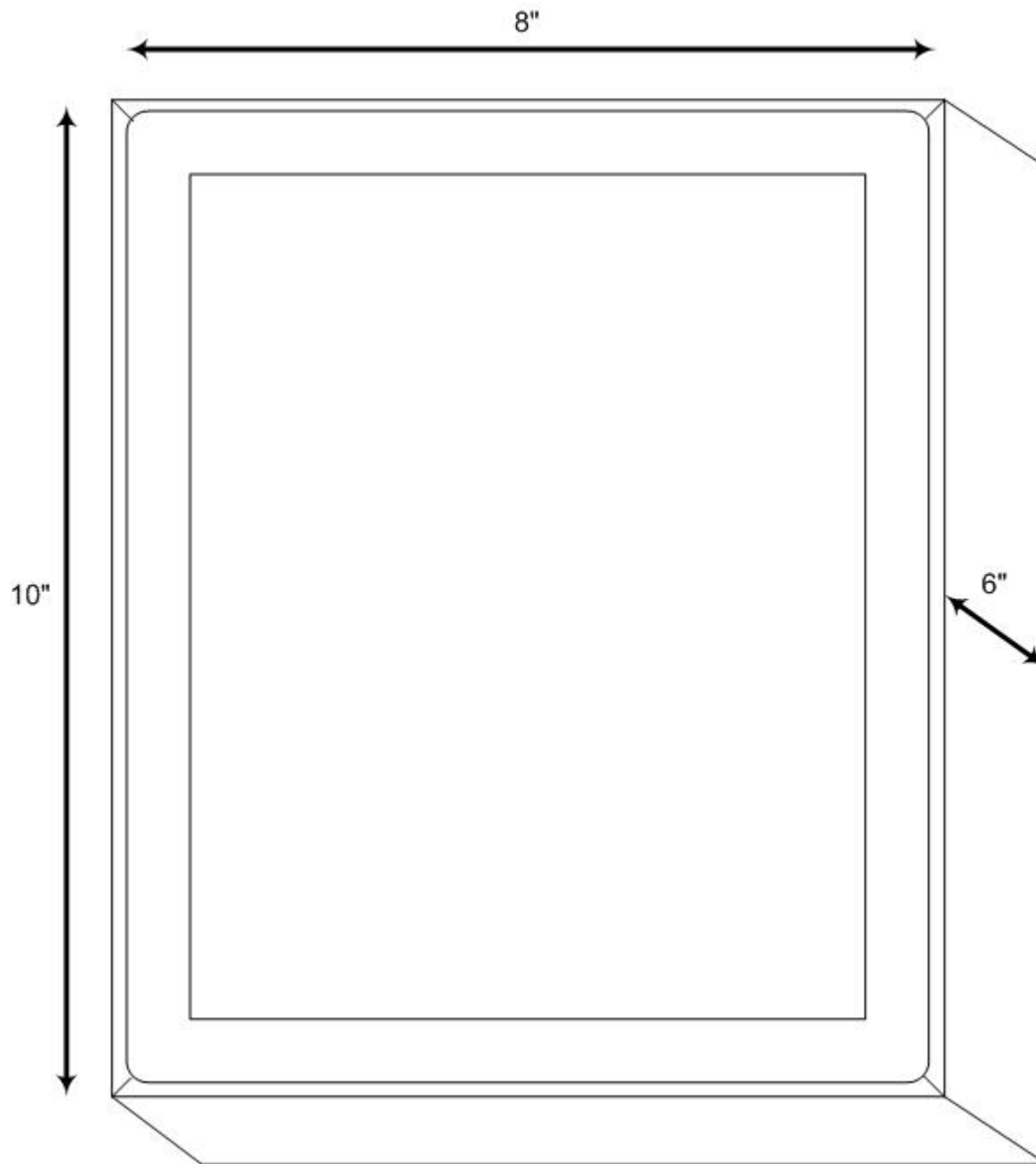
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## DIMENSIONS



*Revision 1.0*

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