



MGDS Multi Gas Detection System

Key Features

- Quick and easy installation, configuration and maintenance.
- Minimum training time.
- Intuitive Graphic User Interface (GUI).
- 4 configurable Relay outputs (Override , timer , latch).
- 4 universal Analog Input/Output.
- 5 Configurable alarm levels.
- High resolution LCD touchscreen.
- Supports up to 16 RS-485 sensors.
- Supports electrochemical , NDIR , pellistor and catalytic sensors.
- Supports more than 100 sensors (toxic , flammable , IAQ, O2 deficiency, PM ,Motion Sensor, MEMS..Etc)

Product overview

MGDS controller powers and controls up to 16 sensors, allowing the user to automatically control ventilation systems based on real time detected gas levels. Fans, louvers, dampers and make up air units can be controlled via the system's relay/analog outputs allowing the controller to drive VFD's based on gas level outputs.

Specifications	
Model	MGDS controller
Capacity	Up to 16 channels per control unit (RS-485)
Size (H x W x D)	180 x 180 x 110 mm
Enclosure	PC/ABS (IP66)
Display	4.3 in TFD-LCD touch screen
Buttons	Release latch and system reset buttons
Intended use	Indoor - wall mounting
Operating conditions	-20 °C --45 °C
Power In	120 VAC
Power consumption	6.5 W
Universal Analog Output	4 configurable Input/Output (0-2 v ; 0-5 v ; 0-10 v; 0 - 20 mA and 4-20 mA
Relay outputs	24 VDC dry /wet contacts

System Applications

