



**Overview**

The iTrans fixed-point gas monitor employs an intelligent electronics platform to provide one or two points of detection from a single head for maximum flexibility, superior performance and lower installation costs.

Able to monitor any combination of gases for a specific environment, iTrans utilizes our industry proven “smart” sensor technology and safety features including automatic sensor recognition, access code security, and zero and cal fault protection – all enclosed within an explosion-proof aluminum or stainless steel housing.

The microprocessor-controlled transmitters are capable of independent operation or multi-point system configuration. With optional on-board relays, the monitor has the added ability of stand-alone operation, activating alarms, horns, or fans and can also shutdown a system without the need to wire back to a central control panel.

**Feature and Benefit**

Feature	Benefit
Single or dual channel configuration	Intelligent electronics platform allows for any combination of sensors. Lower price per point of detection
ModBus RTU interface	Allows system integrators to connect iTrans to SCADA, HMI, and other control systems
Remote sensors	Sensors are designed to be mounted remotely from the iTrans head
Non-intrusive calibration	Allows field calibration in hazardous locations.
LED display	Large, bright display that can be seen from across plant; easy to read
On-board relays	Enables user to activate alarms, horns, fans, locally without the need for external wiring
Low-cost	Extremely low price per point of detection
Push button/keypad operation	Intuitive, easy-to-use interface makes it simple to program alarms and setpoints
Field upgradable “smart” sensors	Additional sensor can be added at any time in the field. Sensor type and location can be changed
Programmable alarms	Programmable low and high alarms for each channel; flashing alarm indicator

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**Images :**

{gallery}products/ind-sci/fix-point/iTrans{/gallery}