



### Benefits

- Economical Stand-Alone Controller
- Compatible with All Remote Gas Transmitters
- Uncomplicated Installation
- Capable of "Zoning" Remote Gas Transmitters
- Completely Scalable System
- Suitable for Indoor & Outdoor Applications
- Non-Intrusive One Person Calibration Procedure
- Full Product Service & Support

Conspec Controls **Multi-Channel Controller** is a microprocessor-based multi-analog input controller. The P2260 was designed to be an independent stand-alone controller but can integrate into any type of data acquisition system. The Controller can provide up to sixteen channels of remote monitoring and alarming of various gases and other analog inputs such as temperature, level, or flow.

### Applications

- Automotive Facilities
- Factories/Warehouses
- Boiler/Generating Rooms
- Water Treatment Plants
- Waste Water Treatment Plants
- Chemical Processing Plants
- Bus Terminals & Depots
- Pulp & Paper Mills
- Pharmaceutical Labs
- Telecommunication Stations
- Semiconductor Facilities
- Utility Plants
- Research/Development Labs

A digital display continuously shows real time values of the measured parameters on all channels for high and low alarm and fault conditions. A front panel password protected keypad allows for easy programming of sensor options, alarm set points, and measurement ranges. The P2259/60 can be combined with dry relay contacts or various other optional items to allow for complete monitoring and control.

### Key Features

- **Robust & Durable Design**
- **Two User Programmable Alarm Set Points per Channel**
- **Factory Preprogrammed & Calibrated**
- **Large LCD Display**
- **Password Protected Keypad**
- **Scalable for Future Expansion**
- **High Immunity to RFI & EMI**

## Specifications

### Mechanical

**Enclosure:** NEMA 4X Non-Metallic (UL & CSA Approved)

**Dimensions:** 17"x15.5"x8.5"

**Weight:** Approximately 24 Pounds

**Mounting:** 4 Holes

**Conduit Entries:** Two (¾" Cable Grip)

### Environmental

**Operating Temperature:** 32°F to 104°F (0°C to 40°C)

**Operating Humidity:** 0% to 99% RH Non-Condensing

### Electrical

**Operating Voltage:** 120VAC Power Supply (Optional 24VDC Input)

**Cable Requirements:** 18-22AWG for Remote Sensor Connection

**Relay Contacts:** Two SPDT, Rated 240VAC @ 10A

**Current Consumption:** 150mA

### System

**Sensor Types:** Electrochemical, Catalytic Bead, Infrared, Photo-Ionization, Thermal Conductivity

**Programming:** Password Protected, 16-Button Touch Pad

**Memory:** EEPROM Non-Volatile Memory

**Restart:** 100% Hands Free After Power Interruptions

**Modes:** Two (Calibration & Normal)

**Display:** Graphic Liquid Crystal Display

**Trend Display:** Historical Graphs for 15 Minutes to 24 Hours

**System Outputs:** Three (Sensor Fail, Alarm #1, Alarm #2)

### Available Options

- P9027 Enclosure Mounted Halogen Strobe
- P1907 SPDT Relay Contact
- P1907-1 DPDT Relay Contact
- P1643-2 Remote Alarm Panel
- P2787 RS-485 Serial Communication
- P3000-1 Sample Pump Module
- P2303 Analog Output Module
- P2586 Battery Back-Up Module

### Ordering Information

- P2260-16

Sales Representatives & Distributors



**CONSPEC®**

**CONSPEC Controls, Inc.**

6 Guttman Blvd. • Charleroi, PA 15022  
toll free: 1 (800) 487-8450 • fax: 1 (724) 489-9772  
e-mail: sales.usa@conspec-controls.com  
web site: www.conspec-controls.com