ViewSmart 2150S Model B Controller

ViewSmart 2150S Model B

The **ViewSmart 2150S Model B** Single Channel Controller provides display and alarm functions for monitored variables. Easy to configure and user friendly, the ViewSmart 2150S Model B can function as a critical alarm controller for toxic gases, combustible gases, vibration, tank levels and other process values. The ViewSmart 2150S Model B contains our state-of-the-art SenSmart 6000 gas detector, which is built with our proven 'ST-44' transmitter. This versatile unit has a large LED display that supports CO detection up to 5000 ppm and embedded Ethernet with Webserver and Modbus TCP. The high performance, universal gas detector supports smart sensors with different type like Electrochemical, Catalytic Bead, Infrared and Photoionization sensors.

FEATURES

- 1.2" red LED display from 0 to 5000 range
- Vivid QVGA Backlit Color TFT internal Display
- Display Color Changes with Alarm Status
- Standard Ethernet Port with Web Server and Modbus TCP
- Sensor Life Indication
- Remote Sensor Mount up to 4000'
- Non-intrusive One-Man Calibration
- Temperature Compensation
- Two RS-485 Ports for Modbus
- Pre-wired 4-20mA analog output for connection to wireless converter
- 3 Programmable Relays and Fault Relay Available
- Heated elements available for low temperature
- Additional 4-20mA output available

SPECIFICATIONS

Power Supply	100-240VAC @ 50W, 10-30VDC at < 10 watts with relay board (all relays energized)
Display	1.2" red LED display, 0-5000 QVGA backlit color TFT 320x240
Channel One Input	Electrochemical, Catalytic Bead, Infrared, Photoionization Detector sensor
Channel Two Input (Model 6900 Only)	Electrochemical, Infrared , sensor
Standard Output	Dual 3-wire 4-20mA current source. Max loop Resistance 600 ohms @ 24VDC, Ethernet R-45 with built-in web Server, Modbus/TCP
Optional Outputs	Three programmable relays plus dedicated FAULT relay Dual programmable master / slave MODBUS RS-485 serial interfaces
Environmental	Operating range -40°C to +60°C Sensors include sensor heater for low temperature operation Relative humidity to 95% for IR; to 85% noncondensing when using electrochemical sensors
Housing	NEMA 4X Non-metallic enclosure
Dimensions	12.14" x 14.10" x 7.25"
Warranty	5 year limited warranty on gas detection transmitter For sensor warranty see sensor specifications sheet .