



**Centralize display and alarm functions
of your flame detection system**

Fire Sentry Controllers



Honeywell Analytics Fire Sentry Flame Controllers: Whatever your need, we have a solution.

Honeywell Analytics offers a comprehensive family of controllers that work with your Fire Sentry Flame Detection system *the way you need them to.*

Our controllers are flexible and proven performers. Advanced circuit technology built into our controllers analyzes the input signals from Fire Sentry Flame Detectors to provide near-instantaneous notification of alarm and fault indications, plus a wealth of critical data to assist your maintenance team with troubleshooting and diagnostics.

Choose from a variety of models designed for specific industrial applications (e.g. paint spray booths), regulatory approvals, standalone or networkable operation, and single to multiple detector heads. Choose from a range of options that further enhance your system with zoning, customized alarms, and daisy-chaining on a multi-drop network. Our controllers wall-mount quickly and easily, so you're up and running right away.

Whether you're expanding your Fire Sentry Flame Detection system, or looking to replace a failed device in your current system design, Honeywell Analytics can save you time and money, every step of the way, from procurement through installation to on-going operation and maintenance. Our goal is to cost effectively enhance the safety and productivity of your operation. Period. Give us a call. We walk the talk.

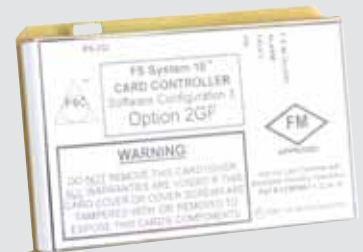
Fire Sentry FS10 Controllers

- Monitors one or two Fire Sentry FS10 Flame Detector
- Audible and visual alarm and fault indication
- LCD readout for system diagnostics
- LED's for system status
- Continuous supervision of Flame Detectors and RS-485 interface
- Three 10-amp relays for process control shutdown
- History event log and FirePics™ stored in non-volatile memory
- RS-232 port for PC communication
- 110 VAC or 220 VAC operation (specify when ordering)
- NEMA 12 wall-mount steel enclosure
- Simple and easy to install (ideal for retrofits)



Fire Sentry FS10 Card Controllers

- Monitors one Fire Sentry FS10 Flame Detector
- Continuous supervision of Flame Detector and RS-485 interface
- LED status lights
- RS-232 port for PC communication
- 1, 2 or 4 control card back planes available
- 24 VDC operation
- History event log and FirePics™ stored in non-volatile memory



Fire Sentry CM1-A (FS2000 Panel)

- Monitors and powers up to 30 Fire Sentry SS2, SS3 and SS4 Flame Detectors using RS-485 4 wire loop digital communication
- Audible and visual alarm and fault indication
- LCD readout for system diagnostics
- LED's for system status
- Continuous supervision of Flame Detectors and RS-485 loop
- Voting and cross zoning capabilities
- 4 configurable alarm zones plus Master alarm
- Alarm and fault relay outputs
- RS-232 port for PC communication
- 110 VAC or 220 VAC operation (specify when ordering)
- NEMA 12 wall-mount steel enclosure
- FM, CSA Approvals and CSFM Listing
- History Event Log and FirePics™ stored in non-volatile memory

Fire Sentry Controllers



Fire Sentry FS7-130-SX

- Controls up to 12 FS7-2173 Electro-Optical Flame Detectors
- Provides 12 VDC voltage @ 30 milliamp electrical power for each FS7-2173 detector
- Communicates with the detectors via the digital RS-485 based FireBus IITM
- Communicates data externally through RS-232 communication channel for system set-up and diagnostic analysis for FirePic post fire event analysis using a PC Computer and provided PC software
- Stores in non-volatile digital memory, Event History Tables which contain the time and date stamped ALERT, ALARM, and fault histories
- Color LEDs Display the Status of the FS System 7: Green - POWER ON (Normal Operation), Yellow - COMM (communication / improper wiring or loose connections) fault, Yellow - SYSTEM fault and (4) Red - ALERT (blinking) / ALARM (steady on) for each Zone.
- Activates Alarm Zone relays during ALARM condition
- Activates Master Alert relay during ALERT condition



Fire Sentry FSWB

- Controls up to 9 FS7-2173 Electro-Optical Flame Detectors
- Activates a Power Control Module for shut down of the tool's electrical power during Fire ALARM
- The built-in 110dB solid-state piezo-electric siren sounds during system ALERT and Fire ALARM Siren "Chirps" during fault condition
- Activates 24 VDC output for Suppression Release during Fire ALARM
- Activates 24 VDC output for external Annunciation during ALERT or Fire ALARM
- Provides low voltage electrical power for the FS7-2173 Flame Detectors
- Activates ALERT and ALARM relays during fire event
- Communicates externally through built-in RS-232 port using FSWB software for PC computers
- Displays system status information on its front panel LED's
- Keyed access for System Reset and Bypass



Fire Sentry FS2000 Early Warning Fire Detection System

- Wall mount FS2000 quickly and easily for convenient centralized operation
- Expand system according to need – connect up to 30 Fire Sentry SS series detectors, mounted up to 4000 feet away, to a single FS2000 controller
- Five programmable relay outputs for use with strobes, horns, extinguishants, etc., according to your need
- Continuously supervises detectors and communication loop
- Configure up to four user zones, with voting capabilities, to override alarm nuisance in non-affected zones
- Meets and exceeds Class 1, Div 1 requirements for explosion-proof installations
- NEMA 5 steel cabinet protects against dust ingress
- Low power consumption (e.g.60 watts with 30 detectors and controller)
- Globally certified for use in potentially explosive atmospheres (FM, CSA & CSFM)
- Connect to Uninterruptible Power Supply (UPS) for backup protection in the event of power loss
- On-board siren eliminates need for extra equipment
- RS485 digital communications with field devices adds mission-critical information and expands diagnostic capabilities
- Built-in datalogger stores up to 254 events for compliance and records generation
- RS232 port for PC interface sends info to where it's needed throughout the enterprise
- Easy to navigate menu selections reduce cost of training, maximize utility for users



Fire Sentry Controller Selector Guide

	FS10 Controller	FS10 Card Controller	C1-A (FS2000)	FS7-130-SX	FSWB
FS10	X	X			
FS7				X	X
SS4			X		
SS4-AUV			X		
SS3			X		
SS3-AB			X		
SS2			X		



Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.