



**Digital Multi-Spectrum
Electro-Optical
Fire and Flame Detectors**

Fire Sentry SS3 Detectors



Features:

- Multi-Spectrum™ senses energy in the ultraviolet, Visible and Wide Band Infrared™
- False alarm immunity
- Detects hydrocarbon and non-hydrocarbon fires
- Microprocessor based algorithms: FirePic™ and Tri-Mode Plot™
- Wide field-of-view
- FS2000™ System compatible or stand alone operation
- Compatible with approved fire alarm panels

Applications include:

- Warehouses
- Convention Centers
- Computer Rooms
- Hospitals
- Telephone Switching Stations

Fire Sentry SS3 Multi-Spectrum Optical Fire and Flame Detectors are fast reacting, digital, reprogrammable, computerized – smart technology.

The Fire Sentry SS3 fast-reacting, Ultraviolet (UV), Wide Band Infrared (IR) and Visible spectral band electro-optical digital fire and flame detectors are designed to alarm on all types of fires. They have an alarm range of 30 ft for a one square foot gasoline reference fire with a 120° circular field of view coverage.



Fire Sentry SS3 Detectors



To eliminate common nuisance false alarms that occasionally occur with UV-only, IR-only, Dual IR or Dual Mode UV/IR detectors, the Fire Sentry SS3 detectors' FireLogic signal processing requires that UV, visible and Wide Band IR radiant energy all be evaluated before declaring a fire. The smart detector utilizes real-time signal processing algorithms that are optimized to alarm on all types of fires, while virtually eliminating the possibility of false alarms.

The Fire Sentry SS3 detectors perform the same whether they are connected to the FS2000 Fire Early Warning System (with CM1-A Controller and FireBus) or whether they operate in the stand-alone mode. The only difference between FS2000 System model and the stand-alone models is how each is wired.

The Fire Sentry SS3 detectors are available in latching (Fire Sentry SS3-A) and non-latching (Fire Sentry SS3-AN) models.



Honeywell Analytics Lines of Business



Commercial

Gas detection from standalone units to fully engineered, multi-point systems, all offering cost-effective regulatory compliance

- » Applications: parking structures, chillers, mechanical rooms, office towers, commercial buildings, shopping centers, swimming pools, golf courses, schools and universities, laboratories

Industrial

Renowned Sieger and Manning gas detection systems with advanced electrochemical, infrared and open path sensing technologies

- » Applications: oil and gas, cold storage, water/wastewater treatment, chemicals, engine rooms, plastics and fibers, agriculture, printing and light industrial



Portables

Single or multi-gas Lumidor and other premium detectors with compact, lightweight designs ranging from simple alarm only units to advanced, fully configurable and serviceable instruments

- » Applications: underground utility and electricity ducts, boiler rooms, post-fire sites, sewers, industrial plants, industrial hygiene, first responder teams, remote fleets



High Tech/Government

A complete portfolio of gas and chemical detection instrumentation including infrared spectroscopy (MST) with no cross interference, to Chemcassette paper-based solutions (MDA Scientific) offering detection down to parts per billion

- » Applications: semiconductor manufacturing and nanotechnology, aerospace propulsion and safety, specialty chemicals industry, research laboratories, emergency response

Technical Services

24/7 global network includes post-sales service and Systems Integration teams

- » Emergency call out, service contracts, on/off-site repair, training and commissioning
- » Complete range of spares, consumables and accessories

Please Note:

While every effort has been made to ensure accuracy in this publication, no responsibility can be accepted for errors or omissions. Data may change, as well as legislation, and you are strongly advised to obtain copies of the most recently issued regulations, standards, and guidelines. This publication is not intended to form the basis of a contract.

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Fire Sentry Corporation is now part of Honeywell Analytics. As we begin to fully integrate our companies, you might notice some small changes. This integration is about bringing together two of the best in life safety. We are focused on putting our customers first and making the right decisions to guarantee Honeywell Analytics continues to remain the experts in fire and gas safety.

Honeywell