# Fire Sentry SS3 Digital Multi-Spectrum Electro-Optical Fire and Flame Detectors

## SPECIFICATIONS

<table>
<thead>
<tr>
<th>General Specifications</th>
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<tbody>
<tr>
<td><strong>Sensitivity</strong></td>
<td>1 sq. ft. gasoline fire at 30 feet within 5 seconds</td>
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<tr>
<td><strong>Response Time</strong></td>
<td>2-5 seconds to 1 sq. ft. of gasoline fire at 30 ft.</td>
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| **Field-of-View** | SS3-A (UV/IR): 120 degrees cone of vision (+60 degrees from on axis)  
SS3-AB (UV): 180 degrees cone of vision (+90 degrees from on axis) |
| **Spectral Sensitivity** | Ultraviolet: 185 to 260 nanometers  
Wide Band Infrared: 0.7 to 3.5 micrometers (SS4-A only)  
Visible: 400 to 700 nanometers (SS4-A only) |
| **Input Power** | 24 Vc nominal  
12V minimum, 28V maximum |
| **Power Consumption** | 18 mA normal operation, typical  
55 mA alarm condition, typical |
| **Output Relays** | Fire Alarm Relay:  
NO & NC contacts  
Latching / Non-Latching, switch selectable  
Relay contact ratings:  
0/5A at 120 Vc, 1.0A at 24 Vc  
Fire alarm relay is de-energized during normal operation |
| **Operating Temperature** | Operation: -32 to 170°F (0 to 77°C)  
Storage: -4 to 185°F (-20 to 85°C) |
| **Housing** | NEMA 1 high impact ABS; general purpose indoor use only |
| **Weight** | 12 ounces (0.340 kg) |
| **Dimensions** | 4 x 5.25 x 1.75 in. |
| **Mounting** | Installs on a wall, ceiling, etc. with the included mounting bracket or on two properly spaced panhead screws using the Detector’s double keyhole |
| **Warranty** | One years from factory shipping date |

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Toll-free: 800.538.0363

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