

Fire Sentry SS2-A & SS2-AN SPECIFICATIONS



Multi-Spectrum Digital Electro-Optical Fire and Flame Detector

General Specifications	
Sensitivity	60 ft. to a 1 sq. ft. n-heptane fire
Response Time	2-5 seconds to 1 sq. ft. of n-heptane fire at 60 ft.
Field-of-View	120 degrees cone of vision (60 degrees from on axis).
Spectral Sensitivity	Ultraviolet: 185 to 260 nanometers Wide Band Infrared: 0.7 to 3.5 micrometers Visible: 400 to 700 nanometers
Input Power	24 V _{DC} nominal (20.5 to 34 V _{DC})
Power Consumption	56 mA normal operation 68 mA alarm condition
Output Relays	Fire Alarm Relay: NO & NC contacts Latching / Non-Latching, factory set Normally de-energized Fault Relay: NO & NC contacts Normally energized Relay contact ratings: 0.5A at 120 V _{AC} , 1.0A at 24 V _{DC}
Operating Temperature	-40° to 185°F (-40° to 85°C)
Humidity Range	0 to 90% RH, non-condensing
Vibration	MIL.STD.810C
Weight	3.8 pounds - Aluminum 7.6 pounds - 316 Stainless Steel
Housing	Copper-free aluminum (less than 0.4%) powder coated NEMA4, NEMA4X-IP66, tamper resistant with integral dual 3/4" NPT conduit openings 316 Stainless steel housing available
Electrical Certifications	Explosion-proof Class I, Div. 1 & 2, Groups A, B, C and D Class II, Div. 1 & 2, Groups E, F and G Class III
Mounting	Swivel bracket assembly (SM4-optional); 316 Stainless Steel
Warranty	Two years from factory shipping date

Maximum Sensitivity

Field of View, Horizontal and Vertical
Sensitivity to 1 sq. ft. n-Heptane Pan Fire



General Dimensions

Side and Back Views
(All Dimensions in Inches)

