



## 5193 Series

### V-Plex® Addressable Smoke Detector

The Honeywell Home V-Plex Addressable Photoelectric Smoke Detectors are designed to provide open area protection and to be used with compatible UL or ULC-listed Honeywell Home control panels that support V-Plex technology. The detectors incorporate a state-of-the-art optical sensing chamber and an advanced microprocessor. Built-in Drift Compensation algorithms automatically maintain proper operation at factory calibrated detection levels, even when sensitivity is altered due to the presence of contaminants settling into the unit's chamber. The 5193SDT/A also features a restorable, built-in, fixed temperature (135°F/57.2°C) thermal detector.



## FEATURES AND BENEFITS

- **Easy Installation:** Installation is simplified by the use of a mounting base that may be pre-wired to the system, allowing the detector to be easily installed or removed for maintenance or service. (See Figure 1).
- **LED Status Indicators:** Two LEDs (green and red) provide local visual indication of the detector's status – including normal operation, alarm, out of sensitivity and trouble conditions.
- **Test button:** This button allows the user to perform periodic testing of the detector's circuitry and verify that the detector is within the sensitivity limits.
- **Versatile Mounting:** Mounting is made simple with the included hardware and the large mounting ports, which accommodate drywall anchors for easy surface mounting. (See Figure 1).
- **Tamper Protection and Tamper Resistance:** The detector contains a built-in tamper switch that can communicate back to the control panel in the event the detector is removed from its base. For an added level of security, the detector also includes a tamper resistant element that prevents removal from the base without the use of tools. (See Figure 1).

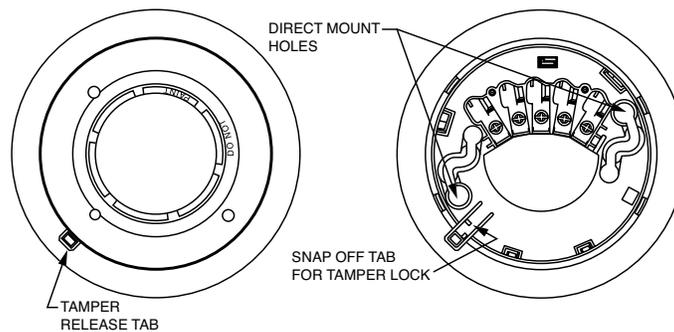


Figure 1: Tamper-Resistant Feature/Wiring

# 5193 Series Technical Specifications

**Heat Sensor:** (Model 5193SDT/A):  
 135°F (57.2°C); Fixed Temperature  
 Electronic Thermistors

**Operating Ambient Temperature Range:**  
 32° to 100°F (0° to 38°C)

**Operating Humidity Range:**  
 0 to 95% RH non-condensing

**Storage Temperature Range:**  
 -4° to 158°F (-20° to 70°C)

**Diameter (including base):** 5.3 inches  
 (13.46 cm)

**Height (including base):** 2.0 inches  
 (5.08 cm)

**Weight:** 6.3 oz. (178.6 g)

**Agency Listing:** UL 268; CAN/ULC S531

**System Voltage Range:** 7-14V

**Standby Current (maximum @ 12V)**  
**LED off:** 1.2mA **LED on:** 2.8mA

## ACCESSORY (sold separately)

To measure the detector’s sensitivity, the **SENS-RDR Infrared Sensitivity Reader tool (sold separately) should be used.** It reduces testing time, simplifies sensitivity measurements and displays them precisely in terms of percent per foot obscuration. The SENS-RDR eliminates the need for magnets, voltmeters and ladders.

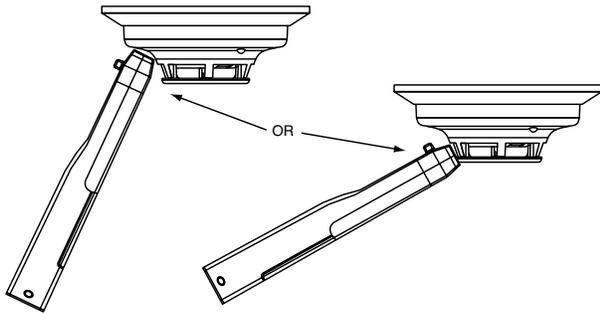


Figure 2: Position of Reader



## ORDERING

<b>5193SD</b>	Addressable Photoelectric Smoke Detector
<b>5193SDT</b>	Addressable Photoelectric Smoke Detector with Integral Heat Sensor
<b>5193SDTA</b>	Addressable Photoelectric Smoke Detector with Integral Heat Sensor (Canada Only)
<b>Accessory sold separately:</b>	
<b>SENS-RDR</b>	Handheld Sensitivity Reader

**For more information**  
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