

5192 Series



With their sophisticated look, durability and adaptability these devices are the right choice for all your system smoke detector needs.

The ADEMCO 5192 Series low profile, addressable V-Plex™ smoke detectors deliver state-of-the-art features and benefits in a cost-effective package. These detectors are designed to provide open area coverage and are compatible with ADEMCO's VISTA controls supporting V-Plex technology. An LED on the detector will blink periodically during normal conditions, remain on steady during alarm and cease to pulse if the chamber is out of acceptable sensitivity range.

An extremely powerful feature available within the 5192 Series is the Automatic Maintenance Alert/Reporting capability - a feature normally found in today's high end analog addressable systems. The detectors continually monitor their own sensitivity levels in addition to the basic normal and alarm conditions. These HIGH and LOW SENSITIVITY signals are communicated back to the control, via the V-Plex addressable loop, to indicate locally and at the central station that the detector may not be able to detect smoke or may false alarm. This feature works with Vista-32FB, 128FB, 128B and First Alert Professional FA1600C.

More important is the cost saving associated with Automatic Maintenance Reporting. The feature is an approved alternate to NFPA 72 field sensitivity calibration testing that require external test meters. This eliminates the need to schedule inspections to determine detector sensitivity/viability.

Another important benefit of these V-Plex (addressable) smoke detectors is their ability to operate on existing wiring. There is no need to run special twisted pair, data grade or shielded wires, providing you with the right choice for all your retrofit applications. That equates to cost savings in time and materials!

FEATURES:

- ◆ Low profile design
- ◆ V-Plex™ addressable loop device
- ◆ Automatic maintenance reporting
- ◆ Available with integral heat sensor
- ◆ Simple 2 wire installation
- ◆ Tamper resistant
- ◆ DIP switch or serial number programmable
- ◆ Lines on existing or conventional wiring

APPLICATIONS

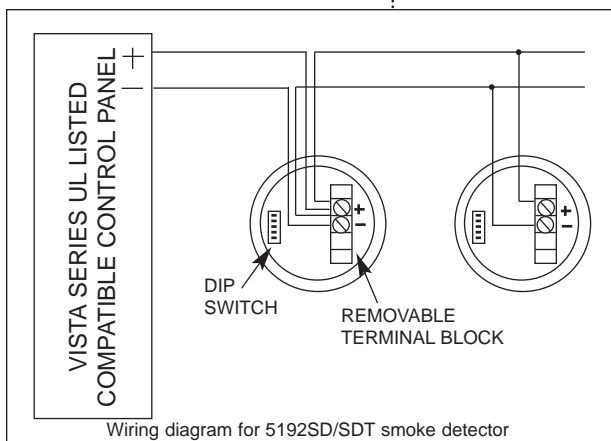
The 5192 Series smoke detectors are designed to provide open area coverage and are well suited for most fire detection applications. These smoke detectors are compatible with all ADEMCO VISTA Fire and Burglary controls that support V-Plex addressable loop technology. These agency listed alarm initiating devices support most commercial and residential applications. They are suited for use in museums, hospitals, day care centers, retail stores, strip malls, schools, libraries, fast food chains, medical or professional office suites and in factory and warehouse environments.

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INSTALLATION

The 5192 Series smoke detectors are supplied with a convenient mounting bracket that allows the detector to be mounted to a variety of electrical junction boxes. A removable terminal block, that accepts 14 to 22 gauge wire to

provide easy wiring connections. The detectors are designed to meet all applicable requirements for UL Commercial and Residential Fire installations as well as NFPA 72 requirements when installed in compliance with the National Electric Code and approved/listed control panels.



COMPATIBILITY

These smoke detectors are compatible with all VISTA control panels that support V-Plex (addressable) polling loop technology. The detectors support DIP switch or serial number addressing. DIP switch configuration are compatible with 5140XM, VISTA-40, and VISTA-50P controls. Serial number addressing is supported on VISTA-32FB, VISTA-100, VISTA-128FB, VISTA-128B and First Alert Professionals FA1600C controls. Refer to control panel and smoke detector installation instructions for details.

Automatic Maintenance Reporting Compatibility

The automatic maintenance feature is compatible on with the following control panels **ONLY**: VISTA-32FB (coming soon), VISTA-128FB, VISTA-128B and First Alert Professionals FA1600C. The automatic maintenance may be disabled for all other controls that do not support this feature. Refer to control panel and smoke detector Installation Instructions for details.

SPECIFICATIONS

Electrical:

System voltage range:

- ◆ 7 - 14 V

Standby current (maximum @ 12V):

- ◆ LED off: 1.2mA
- ◆ LED on: 2.8mA

Mechanical:

Diameter:

- ◆ 5.5 inches (140mm) (including mounting bracket)

Height:

- ◆ 1.7 inches (43mm) (including mounting bracket)

Weight:

- ◆ 5.3 ounces (150 grams)

Environmental:

Installation temperature range:

- ◆ 32° to 100°F (0° to 38°C)

Installation humidity range:

- ◆ 10% to 93% RH, non-condensing

Heat sensor (5192SDT only):

- ◆ 135° fixed temperature electronic thermistor

EMI:

- ◆ Meets or exceeds the following requirements:
- ◆ FCC Part 15, Class B Device
- ◆ IEC EMC Directive

AGENCY LISTINGS

Fire:

- ◆ UL268 Commercial System Smoke Detector
- ◆ Meets UF 217 Requirements for Residential Applications
- ◆ Factory Mutual(Pending)
- ◆ California State Fire Marshall
- ◆ MEA (Pending)

COMPATIBLE DEVICES

- ◆ VISTA-40 Partitioned System *(Residential Fire)
- ◆ VISTA-50P and VISTA-50PUL Partitioned System *(Residential Fire)
- ◆ VISTA-100 Integrated Fire/Burglary Control *(Commercial Fire)
- ◆ VISTA-128FB Integrated Fire/Burglary Control (Commercial Fire)
- ◆ VISTA-128B Partitioned Burglary Control (Residential Fire)
- ◆ VISTA-32FB Integrated Fire/Burglary Control (Commercial Fire Pending)

*Automatic Maintenance Reporting feature not supported by control panel

Ordering Information

Part No.	Description
5192SD	Addressable Photoelectric Smoke Detector
5192SDT	Addressable Photoelectric Smoke Detector w/Integral Heat Sensor