

GE  
Security  
Vigilant Fire & Life Safety

# Easy.

V-Series  
Intelligent Life Safety Systems



# Stylishly Simple

*Quick setup, easy maintenance, and striking good looks makes V-Series the life safety system of choice for architects and building owners alike...*

- ✓ Simple and intuitive front panel control
- ✓ Reduced chance of nuisance alarms
- ✓ No need for a fire watch during construction
- ✓ Easy maintenance
- ✓ Straightforward annual inspections
- ✓ Architecturally pleasing panel and device design

You want to focus on your building, not its life safety system. The quick setup enjoyed by installers, coupled with the high efficiency gained by service and maintenance personnel makes the V-Series the best choice for building owners today.

The inherent reliability of intelligent detection and the proven track record of GE life safety systems is your assurance that your V-Series control panel will slip quietly into the background the moment the installer leaves the site, and provide fully-compliant trouble-free service for years to come.

Simple and intuitive front panel operation keeps your building personnel in full control of your V-Series system. They won't find themselves scrambling for the manual as the system counts down to alarm. And they won't have to call for service every time an electrical storm causes a power outage.

V-Series represents life safety intelligence geared expressly for smaller applications that used to be the exclusive domain of conventional systems. With V-Series, you now have access to technology that a short time ago was beyond the reach of most small building budgets.

V-Series systems are supported by a full line of associated equipment, all finely-tuned to work in concert providing years of trouble-free operation and maintenance.



## Retrofits in a snap

These intelligent systems offer a fast and simple way to upgrade from your cumbersome conventional control panel. In fact, the V-Series can use device wiring from most legacy systems with no effect on performance. This means you don't have to bear the expense of rewiring your building, or endure the disruption it would cause among building occupants.

You also gain the benefit of the V-Series' ability to provide default alarm operation for detectors installed before the control panel is fully programmed and trouble-free. This valuable V-Series feature eliminates the expense of a fire watch during building construction.

## No more nuisance alarms

With automatic drift compensation, the V-Series continuously tunes detector sensitivity by adjusting for environmental conditions such as dirt and humidity. Meanwhile, programmable sounder bases eliminate the potential for disruption by providing a local audible alarm until the event is verified. This feature further reduces the risk of nuisance alarms, avoiding the disruption

to building occupants, and fire department fines that result.

NFPA-compliant detector diagnostics makes annual testing simple and quick. Building occupants aren't overrun with technicians, and sensitive building areas remain secure at all times.



Sleek, low-profile Genesis signals are an architecturally-pleasing complement to V-Series control panels and annunciators.



Intelligent V-Series detectors offer reliability that virtually eliminates nuisance alarms — and the cost and disruption that results.



R-Series remote annunciators keep system indication and control within easy reach of your maintenance personnel at all times.



## An attractive choice

The attractive appearance of V-Series control panels means they won't be a blemish on an expensive architectural design. Their gently curved doorfronts offer a distinctive flair with available red or silver finishes. Controls are discreetly inset behind a striking black bezel.

Sleek, low-profile Genesis signals complement the overall design appeal of V-Series, also providing independent horn silence over two wires. And that makes the V-Series/Genesis combination an even more attractive choice for your building.

When you choose a V-Series life safety system, you're putting your confidence in a name you've known and trusted for years.

GE represents a solid foundation of innovation that's been respected for generations, and its expertise has marked some of the most important breakthroughs in technology found among buildings today.

V-Series fire alarm systems are designed for building owners upon this legacy of innovation, and engineered for life safety system suppliers to exceed the expectations of their customers.



**VIGILANT**

# THE V-SERIES ADVANTAGE

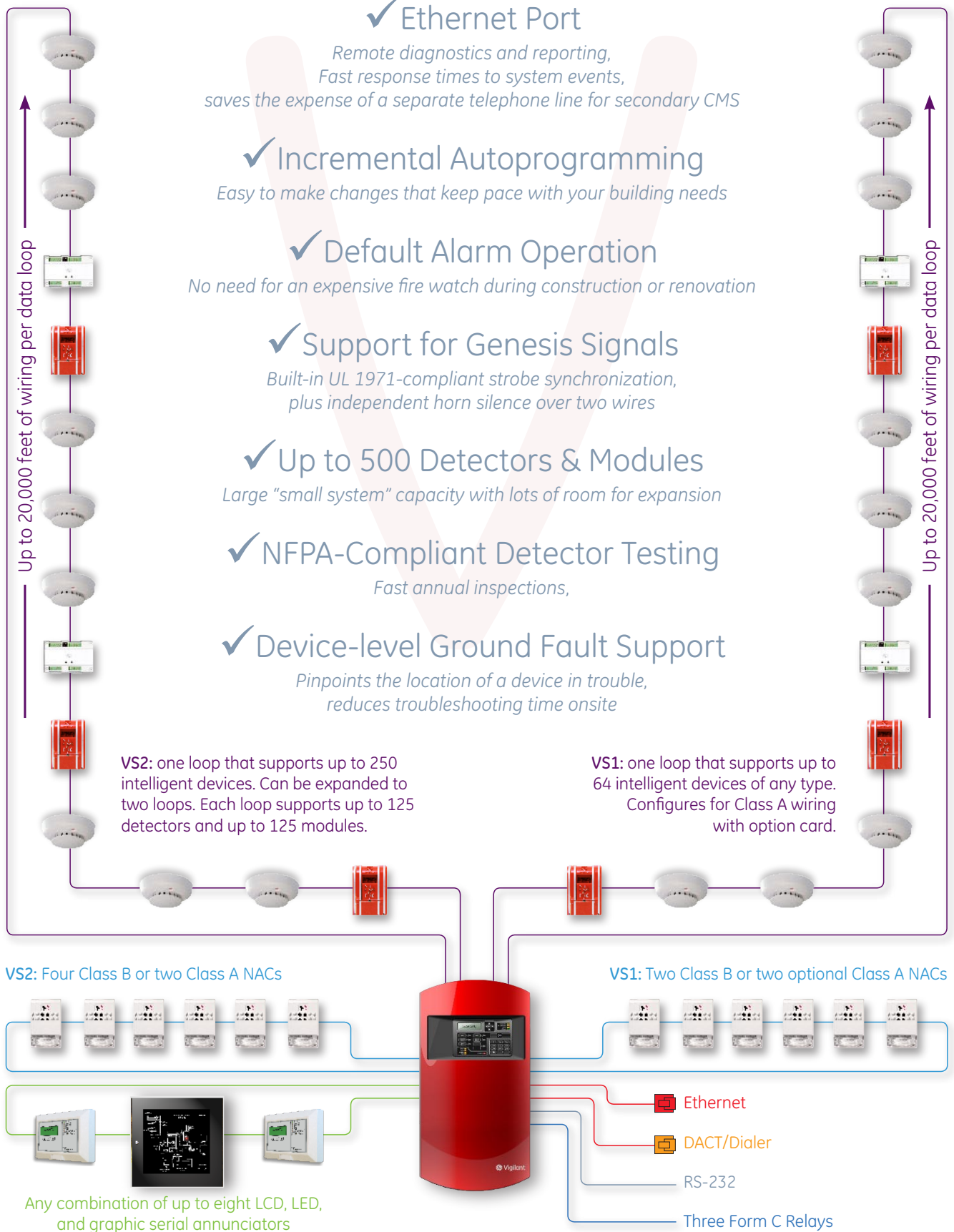


Diagram represents a VS2 system wired for Class A operation with a full complement of option cards.

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## V-Series: A comprehensive suite of options, accessories, and related equipment...

### VS1 Intelligent Control Panel

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Comes standard with one loop that supports up to 64 intelligent devices of any type and two Class B NACs. Configures for Class A wiring with option card.

### VS2 Intelligent Control Panel

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Comes standard with one loop that supports up to 250 intelligent devices. Can be expanded to two loops. Each loop supports up to 125 detectors and up to 125 modules. The VS2 also comes standard with four Class B NACs that can be configured to serve as two Class A NACs.

### Option Cards

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- Dual Line Dialer/Modem, supports 4/2 and Contact ID
- Serial Port (RS-232), for connection to printers & computers
- Ethernet Port, Slave, for Ethernet connection to CMS receivers & computers
- Class A adapter module. Provides Class A capacity on NACs
- SLC Loop Expansion Module. Adds second loop to VS2 systems, 250 point capacity
- LED Annunciator Module, 16 groups, 2 LEDs per group with insertable labeling

### Intelligent Detectors & Bases

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- Intelligent Analog Optical/Fixed Temperature Detector
- Intelligent Analog Optical Smoke Detector
- Intelligent Analog Rate-of-Rise Heat Detector
- Intelligent Analog Fixed Temperature Heat Detector
- Standard Base
- Relay Detector Base
- Isolator Detector Base
- Audible (Sounder) Detector Base

### System Accessories

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- City Tie Module. Provides connection to a local energy fire alarm box.
- Isolator Module - RS232. For use with short haul modems.
- Reverse Polarity Module
- Single and Dual Input Signal Modules

### Intelligent Modules

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- Control Relay Modules
- Polarity Reversal Relay Modules
- Single and Dual Input Modules
- Fault Isolator Module
- Monitor Module
- Waterflow/Tamper Module
- Releasing Module
- Single and double action pull stations

### Annunciators & Graphics Drivers

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- Remote LCD annunciator, 4X20 display with common Indicators
- Remote LCD annunciator, 4X20 display with common Indicators and common controls
- Remote LED annunciator, 16 zones (two LEDs each) with common indicators
- Remote LED annunciator, 16 zones (two LEDs each) with common indicators and common controls
- Remote LED annunciator zone expander, 24 zones (two LED each)
- Graphic annunciator driver with outputs for 32 zones, common indicators and, common controls

### Field-configurable Signaling Appliances

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- Genesis Wall & Ceiling Horns, Horn-strobes
- Genesis Wall & Ceiling Speakers, Speaker-strobes
- Genesis Wall Chimes, Chime-strobes

### Related Literature

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- Data Sheet M85005-0127 – V-Series Fire Alarm Control Panels
- Data Sheet M85001-0592 – Intelligent Detectors and Bases
- Data Sheet M85005-0128 – R-Series Remote Annunciators
- Data Sheet M85005-0129 – V-Series Cards & Accessories
- Technical Reference Manual 3101113 0.1 – V-Series Fire Alarm Control Panels

