



**Integrated Fire, Security
and Access Control in
a Single Package**

DeltaNet™ Fire and Security

Enhanced Protection

The DeltaNet™ Intelligent Fire and Security System provides enhanced life and property protection with a modular, software-controlled system. Intelligent sensors continually transmit relative smoke and temperature levels while other portions of the system monitor security input points and control entry to the building via a sophisticated access-control system.

Ready for Action

- Increases life-saving time and resources by pinpointing the exact location and status of sensors and other fire alarm devices.
- Boasts an optional Command Center that offers a comprehensive view of the system at the controller to identify sensor location, status and value, and to prompt operator actions.
- Permits alarm threshold adjustments to ensure the system's sensitivity is tailored to differences in building occupancy or use.
- Provides variable levels of access control and intrusion monitoring that are simple enough for everyday applications yet secure enough to meet U.S. Government requirements for Department of Defense installations.

Intelligent Sensing

The DeltaNet FS90 Plus Controller continuously monitors transmitted analog values from both traditional and specialized smoke sensors designed to meet demanding application requirements.

- Auto-Tuning Sensitivity (ATS) provides periodic readjustment of sensitivity for each smoke sensor. ATS also permits sensitivity measurements to be made via the FS90 Plus Controller, reducing the amount of labor associated with NFPA-mandated sensitivity testing.
- Filtrex™ harsh-environment smoke sensors can be applied in industrial applications where normal smoke detectors are impractical.
- Pinnacle™ high-sensitivity smoke sensors contain precision laser technology for the most critical detection applications.

Modular Flexibility

With its modular design, the DeltaNet FS90 Plus can be economically installed to provide tailored fire detection, access control and intrusion alarm for new construction or building retrofits.

- Function boards and flexible software easily accommodate system expansion or changes in operating functions to meet requirements.
- Standalone controller can expand to a multiplex system or may be networked with other building management functions for total building control.

Enhanced User Control

In addition to intelligent sensors, the DeltaNet FS90 Plus incorporates modules into the architecture to enhance system functionality.

- Addressable monitor modules provide a supervised initiating circuit for contact devices such as waterflow switches.
- Addressable control modules provide a supervised output circuit to operate fans and dampers for smoke control or to activate indicating devices such as speakers or horns.

Comprehensive System Information

The DeltaNet FS90 Plus operates simply and economically.

- The controller-mounted Command Center provides alarm- and trouble-message display and printout as well as a user keypad to facilitate data entry and display.
- Keypad control at the Command Center makes everyday system operation easy. Special-purpose keys allow the operator to modify action messages and point descriptors. The operator can change sensor limits and issue system commands quickly and easily.
- Printed records of system status and sensor analog value readouts are provided by time and location in various logs, including All Points and Alarm Summary.

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