

#### Features

**4100ES control panels introduce a new appearance with new features while continuing to support the extensive and proven Simplex® fire detection and control product features:**

- 4100ES products are designed, tested, and listed as compatible with the remote modules and peripherals used with 4100U series fire alarm control panels\*
- Both local and remote control panels are available with an InfoAlarm Command Center user interface
- Equipment cabinets are available in 1, 2, or 3 bay sizes with color choices of platinum or red
- Upgrade kits are available to provide 4100ES features for installed Simplex control panel models 4020, 4100, 4100+, and 4120

#### Support is provided for:

- TrueAlarm sensing and detection products including TrueSense multi-sensor products for early fire detection
- TrueAlert ES and TrueAlert addressable notification appliances
- TrueAlert non-addressable notification appliances, including SmartSync horn/strobe control
- IDNet digital communications for addressable I/O modules, NAC extenders, and related products
- Remote annunciator RUI (remote unit interface) communications ports, and for up to five RS-232 communications ports for multiple remote equipment operation options
- Installation and test convenience that includes WALKTEST single person system testing, available with multiple interface options
- The available TrueStart test instrument that allows communications wiring to be tested and corrected if necessary *before panel modules are installed*

#### NEW Install Mode operation:

- **Install Mode** allows grouping of multiple troubles for uninstalled modules and devices *into a single trouble condition* (typical with future phased expansion)
- With future equipment and devices grouped into a single trouble, operators can more clearly identify events from the commissioned and occupied areas

#### NEW Options provide secure time-saving service tools for authorized personnel:

- The **Building Network Interface Module (BNIC)** provides Ethernet connectivity options for authenticated users to access panel information using service PC tools
- The **Service Gateway** tool allows a single authorized service person to perform remote device testing using text messaging tools to query panel status and confirm work is completed as expected without returning to the panel
- **TrueInsight Remote Service** programs provide real-time intelligence and diagnostics for increased uptime and enhanced fire alarm system performance



4100ES 3-Bay Cabinet, shown with optional: InfoAlarm Command Center, and Emergency Voice Equipment

#### Introduction

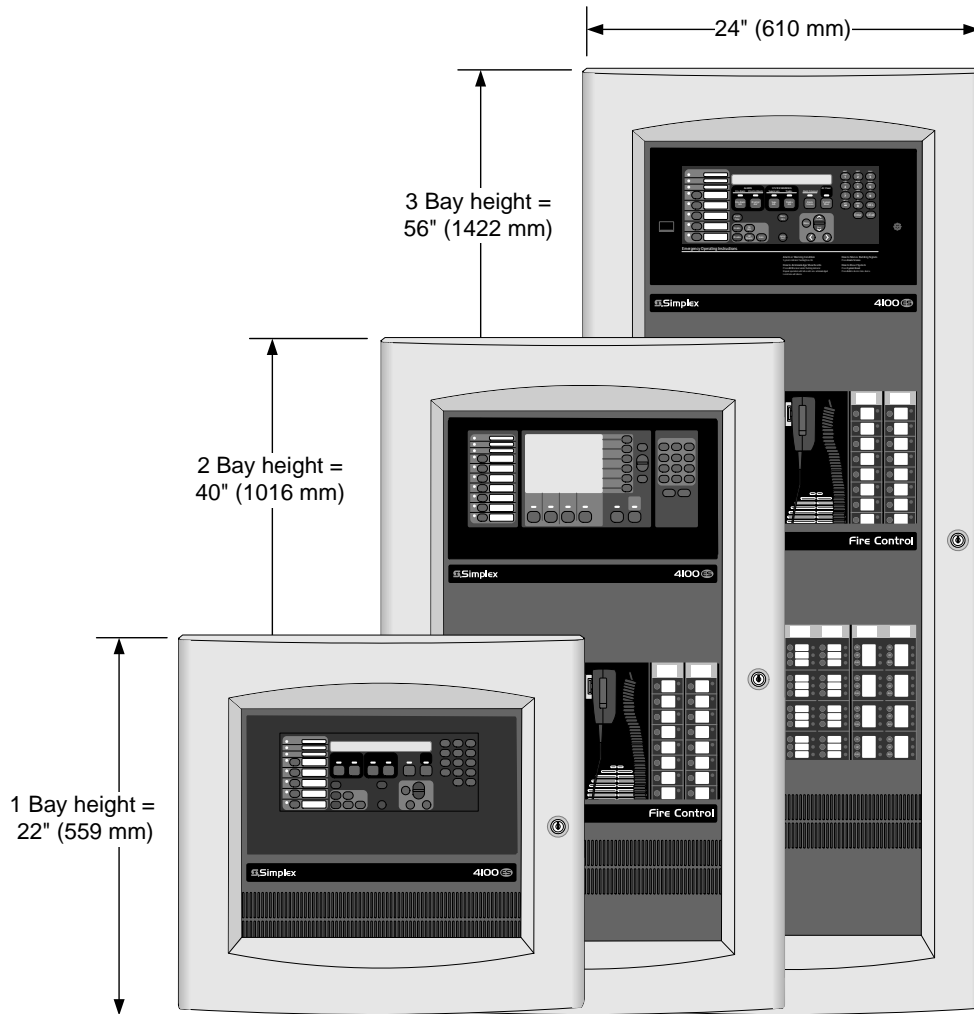
**4100ES Series Fire Detection and Control Panels** provide extensive installation, operator, and service features with point and module capacities suitable for a wide range of system applications. An on-board Ethernet port provides fast external system communications to expedite installation and service activity. Dedicated compact flash memory archiving provides secure on-site system information storage of electronic job configuration files to meet NFPA 72 (*National Fire Alarm Code*) requirements.

**Modular design.** A wide variety of internally mounted modules are available to meet your specific application requirements. Panels can be configured for either Stand-Alone or Networked fire control operation with wired communications or using fiber optics.

**Emergency Communications.** Emergency communications system equipment is available for both fire alarm and emergency communications/mass notification applications. Amplifiers can be centrally located or distributed at remote MINIPLEX transponder locations. Audio can be distributed using analog or digital means with either wired communications or with fiber optics connections.

\* Refer to individual product data sheets for specific listing details. See partial data sheet list on page 2.

## 4100ES Control Panel Size Reference



## Additional Data Sheet Reference

Subject	Data Sheet	Subject	Data Sheet
4100ES Panels	S4100-0100	4100ES Basic Panels	S4100-0031
InfoAlarm Command Center	S4100-0101	InfoAlarm Command Center	S4100-0045
Network Display Unit (NDU)	S4100-0102	Network Display Unit (NDU)	S4100-0036
MINIPLEX Transponders	S4100-0103	MINIPLEX Transponders	S4100-0035
Enclosure Options	S4100-0037	Multiple Signal Fiber Optic Modules	S4100-0049
LED/Switch Modules	S4100-0032	Releasing Systems Applications	S4100-0040
4100ES Audio/Phone Modules	S4100-0034	Remote Annunciators	S4100-0038
Fire Alarm Network Reference	S4100-0055	IDNet+ Communications Module	S4100-0046
Building Network Interface Card	S4100-0061		

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Tyco Fire Protection Products • Westminister, MA • 01441-0001 • USA

S4100-0060-2 5/2013

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