

# Intelligent Analog/Addressable Fire Alarm/Voice Integration Systems

IntelliKnight™ Series



**SILENT  
KNIGHT**

by Honeywell

# CONVENTIONAL FIRE ALARM CONTROL PANELS



## SK-Conventional Series

### 2- to 30-Zone Fire Alarm Control Panels (FACPs)

Whether your installation calls for 2 zones or 30 zones, we've got you covered. Our entire SK-Conventional Series boasts power and features you won't find in panels that cost twice as much. So now you'll have access to more of the jobs you want—new or retrofit. The SK-5208, compatible with both 2- and 4-wire smoke detectors, is an all-in-one control panel and digital communicator, and also has a built-in LCD display. With full English readouts, your programming and maintenance become a snap. Of course, as with all of our conventional panels, you'll appreciate how fast and easy it is to install, program and maintain. Our built-in power supplies handle power-hungry peripherals with ease. Put any one of these panels to the test, and you'll find they really do defy convention.

#### SK-5208 (10- to 30-Zone)

##### Features

- Built-in UL-listed digital communicator
- Built-in LCD display provides English readouts
- 10 zones — 10 Class B Style B or 8 Class B Style B and 2 Class A Style D
- 4 notification appliance circuits (Class B Style Y)
- Programmable from built-in touchpad

#### SK-5208 Accessories

- 5217** 10-Zone Expander
- 5235** Remote LCD Annunciator
- 5280** Status Display Module
- 5660** Silent Knight Software Suite (SKSS)
- 7181** Fire Zone Converter Module
- 5824** Serial/Parallel Module

#### SK-4 (4-Zone)

##### Features

- Form C Alarm, Supervisory and Trouble relays
- Optional module that converts all 4 IDCs and 2 NACs to Class A
- 240 VAC primary (SK-4E only)

#### SK-4 and SK4E Accessories

- SK-DP2/4** Dress Panel
- SK-4RB** Repair Board
- SK-CAC4** Class A Converter
- SK-4XTM** Transmitter Module
- SK-4XLM** LED Interface Module
- SK-XRM24** 110 Volt Transformer 3-6A
- SK-XRM24E** 240 Volt Transformer 3-6A
- SK-RA4** Remote Annunciator
- SK-4XZM** Zone Relay Module
- TR-1-R** Semiflush Mount Trim Ring

#### SK-2 (2-Zone)

##### Features

- Form C Alarm and Trouble relays
- 240 VAC primary (SK-2E only)

#### SK-2 and SK-2E Accessories

- SK-DP2/4** Dress Panel
- SK-2RB** Repair Board
- SK-4XTM** Transmitter Module
- RBB** Remote Battery Box Accessory Cabinet
- TR-1-R** Semiflush Mount Trim Ring

Conventional Features	SK-5208	SK-4	SK-2
Number of Class B Zones	10 (exp. to 30)	4	2
Notification Appliance Circuits	4	2	1
Power Supply (24VDC)	6A	2.5A or 5.0A	2.5A
Alarm Verification	•	•	•
ANSI 3.41 (Temporal) Cadence	•	•	•
Up/Downloadable	•		
Communicator	•	optional	optional
Built-In Relay Outputs	4	3	2
Remote Annunciator	LCD	LED	
Auxiliary Power	1 amp	.5 amp	.5 amp

# CONVENTIONAL MANUAL PULL STATIONS



#### Manual Pull Stations

- PS-SATK** Single Action Metal
- PS-DATK** Dual Action Metal
- PS-SA** Single Action Lexan
- PS-DA** Dual Action Lexan
- PS-DASP** Dual Action Spanish Language Lexan
- PS-DAH** Dual Action Hex Key Lexan
- PS-DALOB** Dual Action Listed Outdoor w/Back Box Lexan

#### Features

- Weatherproof model approved for outdoor use (PS-SATK and PS-DATK)
- Surface mount back boxes available
- Reset with the same keys as SK enclosures

# VOICE EVACUATION SYSTEM



## SKE-450 Voice Evacuation System

Silent Knight's SKE-450 helps you meet compliance needs for areas of assembly where voice evacuation is required. The signature of the SKE-450 is its best-in-class 50-watt amplifier. It's just the edge you need to be even more competitive in your bids. When it comes to value, the SKE-450 speaks volumes. Our free downloadable voice prompts give you unprecedented access to evacuation instruction messages. Simply download these professionally-recorded messages from our website and upload them to your system. No additional chips to buy! Plus, our SKE-450 works with any fire system, so compatibility is never an issue. A built-in digital message repeater, microphone, and power supply with battery charger round out this solid voice evac solution.

### SKE-450

#### Features

- Speaker circuits are fully supervised, short-circuit and overload protected
- Speaker circuits are power limited
- Delivers clear voice messages even in noisy environments
- Easy dip switch programming
- Simple to install, program and operate
- 50-Watt Amplifier
- Built-In Digital Message Repeater
- Built-In Power Supply /Batt Charger
- Built-In Microphone
- Downloadable Voice Prompts

# CONVENTIONAL POWER SUPPLIES

## 5499 and 5495 Distributed Power Supplies



This dynamic duo of NAC expanders packs quite a punch. Available with a whopping 9 or 6 amps of power, you can meet the needs of even the most

power-hungry notification appliances. They also deliver built-in synchronization for appliances from System Sensor®, Wheelock, Gentex®, Faraday, and AMSECO. Their switch-mode design is up to 50% more efficient than competitive linear mode power supplies, and set-up is simple with easy dip-switch programming. ADA retrofits are easier and less expensive, because these power supplies integrate into current systems without costly new components.

Power Supply Features	5499	5495
Power Output	9A/24VDC	6A/24VDC
Number of Outputs	4 + Aux	4 + Aux
Maximum Output per CKT	3A	3A
Auxiliary Power Output	3A	3A
Ground Fault Detection	•	•
Trouble Relay	•	•
Standalone Operation	•	•
ANSI 3.41 (Temporal) Cadence	•	•
Activation -->> Reverse Polarity/Contact	•	•
Class A or B Operation	•	•

# FIRE COMMUNICATORS

## 5104 Digital Fire Communicator



We know digital communication. And, with hundreds of thousands of our communicators worldwide, it shows. The popular six-channel 5104 provides fast, reliable communication as a stand-alone, or as an adjunct to another FACP. The 5104 is fully supervised. The 5104 programs easily from a 5230 remote touchpad or with the downloading package.

### Features

- Use stand-alone or as adjunct communicator (Universal Digital Alarm Communicator Transmitter)
- Supervised notification circuit rated at .35A (not for evacuation purposes)
- Automatic self test every 24 hours with report sent to central station
- 6 supervised Input Channels
- Supervised Waterflow Bell Output
- 60 hours of stand-by power



### IP Communicator

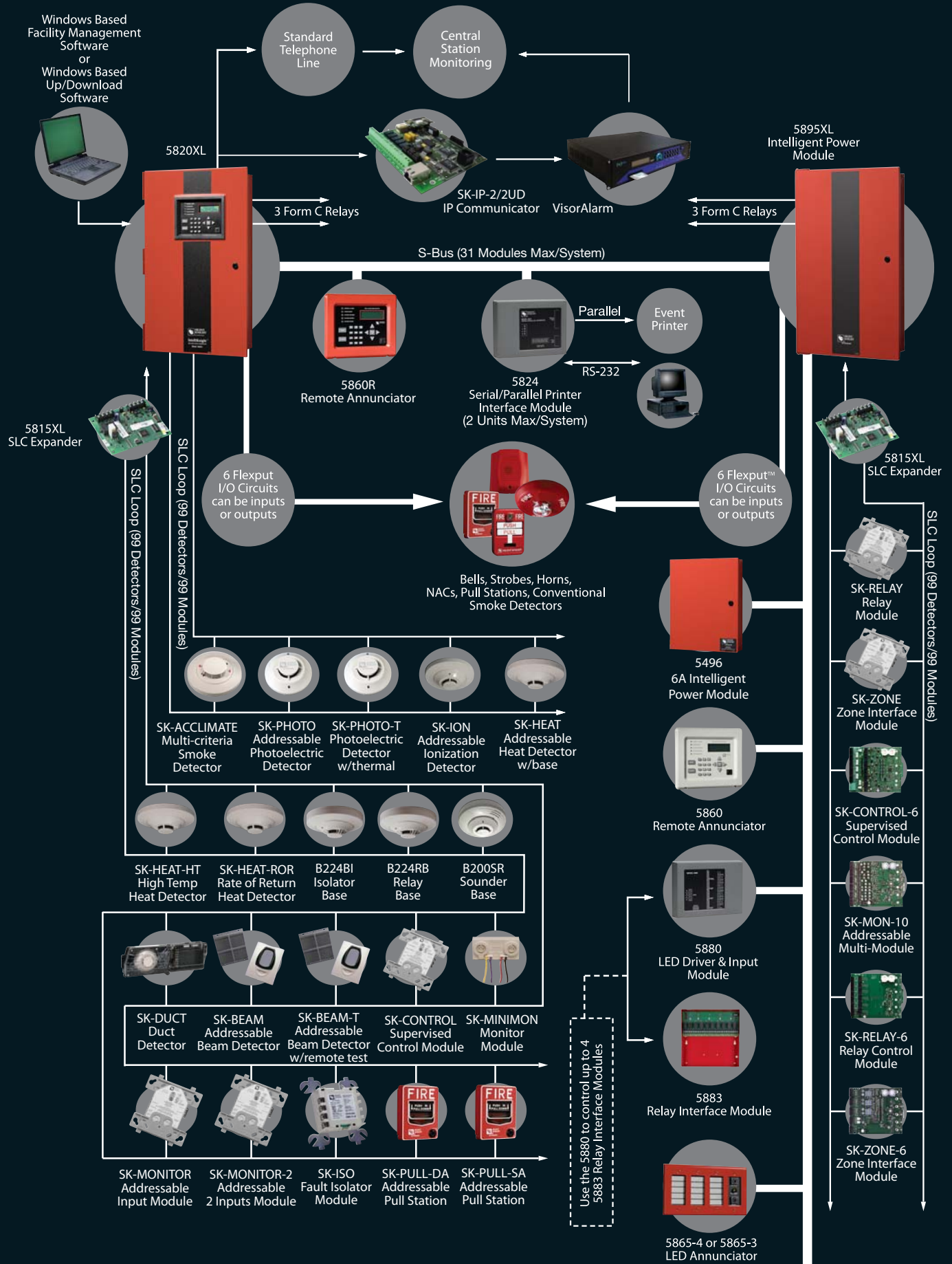
Use the IP Communicator to save money and decrease response time. Monitor your fire alarm

systems over the internet by connecting the Silent Knight IP Communicator to any Silent Knight Fire Alarm Control Panel or dialer.

- Compatible with VisorALARM PLUS 2U IP Alarm Receiver
- SK-IP-2/2UD includes UL listed enclosure
- SK-IP-2UD allows up/downloading (5820XL and 5808 only)
- Eliminates telephone lines for communication to central station

# IntelliKnight 5820XL

Addressable Fire Alarm System with Silent Knight Devices



# ADDRESSABLE FIRE ALARM CONTROL PANELS



## IntelliKnight® Series

IntelliKnight addressable panels make set-up simple by automatically initializing detectors, continuously monitoring their operation, providing drift compensation, controlling detector sensitivity, and performing an NFPA 72-compliant sensitivity check. Our IntelliKnight Series is perfect for retrofits because it requires no special wiring and all three offer built-in synchronization for System Sensor®, Wheelock, Gentex®, Faraday, and AMSECO. The world's most advanced built-in digital communicator and an arsenal of accessories round out IntelliKnight's powerful options. Silent Knight gives you the capability to design an affordable, addressable system for any facility.

### IntelliKnight 5820XL

- Supports Class B (Style 4) and Class A (Style 6 or 7) configuration for SLC
- Distributed, intelligent power
- Three Form C relays; One is trouble, and two are programmable rated at 2.5 amps at 24 VDC
- 6 Flexput™ Input/Output circuits
- Class A support for SBUS and Flexput circuits
- Compatible with Plex-1 Door Accessory
- Compatible with 5815XL Signal Line Circuit Expander

### IntelliKnight 5808

- Supports Class B (Style 4) and Class A (Style 6 or 7) configuration for SLC
- Distributed, intelligent power
- Three Form C relays; One is trouble, and two are programmable rated at 2.5 amps at 24 VDC
- Class A support for SBUS
- Compatible with Plex-2 Door Accessory

### IntelliKnight 5700

- Supports Class B (Style 4) and Class A (Style 6 or 7) configuration for SLC
- Distributed, intelligent power
- Three Form C relays; One is trouble, and two are programmable rated at 2.5 amps at 24 VDC
- 13 pre-programmed output cadences (including ANSI-3.41/Temporal), and 4 programmable outputs
- Notification circuits can be configured as 1 Class A (Style Z) or 2 Class B (Style Y), or auxiliary power for resettable, constant, or door holder power
- Compatible with DF-50 Dead Front Panel

## ADDRESSABLE FIRE ALARM ACCESSORIES

### Power Supplies, Detectors, Modules, Annunciators, Bases and More

Our IntelliKnight Series boasts a complete line of accessories that lets you bring unparalleled functionality and control to any job. IntelliKnight's addressable power supplies, bases, detectors, modules and pull stations are all specifically engineered to ensure your installs and maintenance remain simple and economical. Combine these accessories with the IntelliKnight's built-in digital communicator for the most powerful and easy-to-use addressable solution in the industry.

All of our accessories are compatible with all three of our addressable fire alarm control panels.

### SK DEVICES

- SK-PHOTO** Photoelectric Detector
- SK-PHOTO-T** Photoelectric Thermal Detector
- SK-ION** Ionization Smoke Detector
- SK-HEAT** 135°F Fixed Temperature Detector
- SK-HEAT-HT** 190°F Fixed Temperature Detector
- SK-HEAT-ROR** 135°F Fixed Temperature Rate of Rise Detector
- B200SR** Sounder Base
- B224BI** Isolator Base
- B224RB** Relay Base
- SK-ACCLIMATE** Multi-Criteria Photoelectric Detector with Thermal Sensing
- SK-DUCT** Photoelectric Duct Detector
- SK-BEAM** Single-Ended Reflected Beam Smoke Detector
- SK-BEAM-T** Single-Ended Reflected Beam Smoke Detector
- SK-MONITOR-2** Dual Monitor Module
- SK-CONTROL** Supervised Control Module
- SK-CONTROL-6** Six Circuit Supervised Control Module
- SK-RELAY** Relay Control Module
- SK-RELAY-6** Six Relay Control Module
- SK-ZONE** Zone Interface Module
- SK-ZONE-6** Six Zone Interface Module
- SK-MONITOR** Monitor Module
- SK-MON-10** Ten Input Monitor Module
- SK-MINIMON** Monitor Module
- SK-ISO** Fault Isolator Module

### SD DEVICES

- SD505-AHS** Addressable Heat Detector
- SD505-AIS** Addressable Ionization Type Smoke Detector
- SD505-APS** Addressable Photoelectric Type Smoke Detector
- SD505-6SB** 6" Addressable Sounder Base
- SD505-6RB** 6" Addressable Relay Base
- SD505-6IB** 6" Isolator Base

### ADDITIONAL SD DEVICES

The following are compatible with 5820XL, 5808, and 5700:

- SD500-AIM** Addressable Input Module
- SD500-ANM** Addressable Notification Module
- SD500-ARM** Addressable Relay Module
- SD500-LED** SLC Annunciator Driver Module
- SD500-LIM** Loop Isolation Module
- SD500-MIM** Mini-Input Module
- SD500-PS/PSDA** Single or Dual Action Addressable Pull Station
- SD500-SDM** Smoke Detector Module
- SD505-4AB/SD505-6AB** Four/Six-Inch Detector Base
- SD505-DUCT** Addressable Duct Housing
- SD505-DUCTR** Addressable Duct Detector with Built-In Relay
- SD505-DTS** Addressable Duct Detector Test Switch

### SBUS DEVICES

- 5895XL** Intelligent Power Module
- 5496** Addressable Power Supply
- 5883** Relay Interface Board
- 5865-3/5865-4** Remote LED Annunciator
- 5860/5860R** Remote LCD Annunciator
- 5824** Serial/Parallel Module
- 5880** LED Input/Output Module

<b>Addressable Features</b>	<b>5820XL</b>	<b>5808</b>	<b>5700</b>
Addressable Points (max) Silent Knight	792	198	100
Addressable Points (max) Alternate	508	127	50
Notification Appliance Circuits	6 (exp. to 56)	4 (exp. to 36)	2 (exp. to 34)
Power Supply	6A	6A	2.5A
Smoke Verification	•	•	•
ANSI 3.41 (Temporal) Cadence	•	•	•
Up/Downloadable	•	•	•
Built-In Digital Communicator	•	•	•
Built-In Relay Outputs	3	3	3
Remote Annunciator	LCD, LED	LCD, LED	LCD, LED
Built-In 80-Character LCD	•	•	•
Alarm Reporting by Point or Zone	•	•	•
RS-485 Accessory Comm Bus	•	•	•
Built-In Serial Interface to Program via PC	•	•	•
USB Programming Connector	•	•	•
Non-Volatile, 1000-Event History Buffer	•	•	•
Customizable Text Labels for Device & Modules	•	•	•
Water Deluge Releasing Service	•	•	•

## Fire Fighter Telephone System



### SK-FFT Fire Fighter Telephone System

Silent Knight Fire Fighter Telephone, is a 24 zone system expandable to 48 zones. It provides supervision and annunciation for local and remote telephone handsets. The FFT can be configured so that each fire fighter phone jack can be addressed or multiple jacks assigned to a single address providing you with the most flexibility for your system design.

The FFT is easy to install with one button programming of the entire fire fighter telephone system. It has the capacity to tackle larger jobs with up to 48 remote telephone jacks. The SK-FFT allows you to have up to 10 fire fighter remote handsets (FFT-RHS) plugged in at one time.

### Features

- Single phone circuit to run for installation simplifies system design
- Large capacity addressable system provides flexibility to do large and small jobs
- FFT- HSC holds up to 10 remote handsets with system supporting up to ten handsets plugged in at one time
- One button programming saves you time and money
- Simple to read system LEDs help you locate trouble quickly
- The SK-FFT has its own SLC loop meaning no points are taken from the FACP

### System Components

- **SK-FFT** Fire Fighter Telephone Control Panel
- **FFT-24** 24 Zone Expander
- **FFT-RHS** Remote Handset
- **FFT-HSC** Hand Set Cabinet. Holds up to 10 handsets
- **FFT-FPJ** Fire Phone Jack
- **FFT-STSR** Single Telephone Station Recess Mount.  
A lockable cabinet containing one remote handset
- **FFT-STSS** Single Telephone Station Surface Mount.  
A lockable cabinet containing one remote handset
- **FFT-BGK** Break Glass Kit. This is an option for the single Telephone station cabinets to enable entry by breaking a glass panel

# IntelliKnight 5600



The 5600 is a 25-point single loop hybrid conventional-addressable fire alarm control/communicator system. It provides the revolutionary value and performance of addressable technology combined with exclusive, built-in communication that includes an easy to use interface.

With code wheel addressable detectors/modules and JumpStart™ feature, the 5600 can be Life Safety operational without a single programming tool. Powerful features such as drift compensation and maintenance alert are delivered in this Fire Alarm Control Panel from Silent Knight.

The 5600 features a powerful built-in dual line communicator that allows for reporting of system activity to a remote monitoring station. Version 2.XX supports both the cost-effective Honeywell Fire Systems detectors/modules and the equivalent SK device counterparts. This version also supports the optional 5635 remote annunciator.

## IntelliKnight 5600

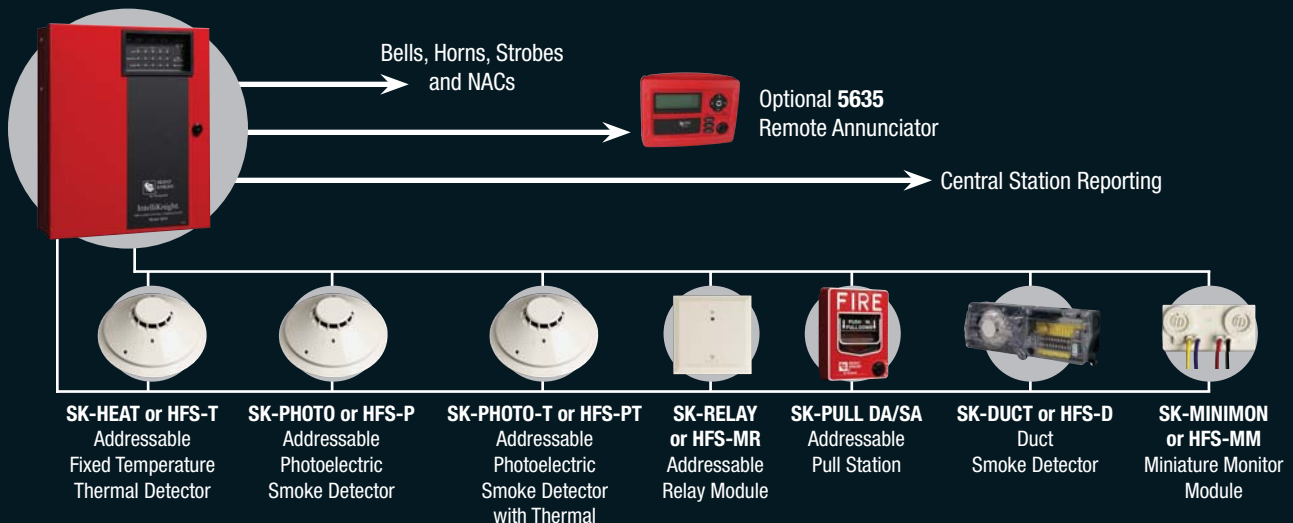
- Addressable technology that is as easy to use as a 5 zone conventional panel
- Code wheel addressable detectors/modules and JumpStart™ feature
- No programming tools required for basic panel operation
- Built-in digital communicator/dialer
- IP communicator compatible
- Point status meets calibrated smoke test requirements for NFPA 72
- Supports the cost-effective Honeywell Fire Systems (HFS) and SK device counterpart detectors and modules (Version 2.XX)
- Optional 5635 remote annunciator (Version 2.XX)

## HFS Devices and Modules

- HFS-P** Photoelectric Smoke Detector
- HFS-PT** Photoelectric Smoke Detector with Thermal
- HFS-D** Photoelectric Duct Smoke Detector
- HFS-T** Fixed Temperature Thermal Detector
- HFS-MM** Mini Monitor Module
- HFS-MR** Addressable Relay Module
- SK-Pull-DA/SA** Addressable Pull Stations



Modules and Detectors	Descriptions
SK-PHOTO or HFS-P	Photoelectric Smoke Detector
SK-PHOTO-T or HFS-PT	Photoelectric Smoke & Thermal Detector
SK-HEAT or HFS-T	Thermal Detector
SK-RELAY or HFS-MR	Addressable Relay Module
SK-MINIMON or HFS-MM	Addressable Mini Monitor Module
SK-DUCT or HFS-D	Addressable Duct Detector with Photoelectric Smoke
SK-DUCT-R or HFS-DPR	Replacement Photoelectric Smoke for Duct Detector





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