

Addressable Device Guide



**SILENT
KNIGHT**

by Honeywell

www.farenhyt.com

Farenhyt Series

IFP Series Devices

The IFP Series of fire products offer flexible, easy-to-use and maintain fire alarm control panels, accessories and other critical tools to complete your fire system. You also have a choice between either using the System Sensor IDP devices or Hochiki devices on the SLCs, expanding your choices.

All of our accessories are compatible with all of the addressable IFP fire alarm control panels and the VIP voice integration panels.

System Sensor IDP Devices



IDP-Photo Addressable Photoelectric Smoke Detector / IDP-Photo-T Photoelectric Smoke Detector with Thermal (135°F)

- Reliable communications for trouble-free operation
- Dual electronic thermistor design on the IDP-Photo-T
- Dual LED indicators for 360° visibility
- Detector transmits signal to indicate maintenance is required



IDP-Acclimate Addressable Multicriteria Photoelectric Smoke Detector with Thermal (135°F)

- Incorporates both thermal and photoelectric technologies to maximize detection
- On-board microprocessor with advanced software rejects nuisance alarms
- Dual-stage drift compensation reduces maintenance frequency



IDP-Ion Addressable Ionization Smoke Detector

- Single source, dual chamber design to respond quickly to a broad range of fires
- Sensitivity is continuously monitored and reported to the FACP



IDP-Heat Fixed Temperature Thermal Detector (135°F) / IDP-Heat-HT Fixed High Temperature Thermal Detector (190°F) / IDP-Heat-ROR Rate-of-Rise Thermal Detector with 135° Fixed Temperature

- IDP-Heat is fixed temperature at 135°F (57C)
- IDP-Heat-HT is a fixed high temperature detector at 190°F (88°C)
- IDP-Heat-ROR is a fixed temp and rate of rise thermal detector that produces 135°F thermal protection
- Detector transmits signal to indicate maintenance is required



B224BI 6" Isolator Base

- Prevents an entire communication loop from being disabled from short circuit
- Restores entire loop when short circuit is corrected
- Isolates up to 25 IDP devices between SSB224BIs



B224RB 6" Relay Base

- Built-in Form C relay
- Controls wide variety of normally open and normally closed applications
- Support for Class A and Class B wiring



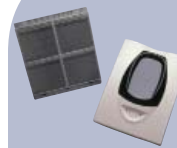
B501BHT 6" Temporal Sounder Base

- Built-in sounder for three-pulse temporal pattern evacuation signal
- Requires an external 24VDC power supply
- Support for Class A and Class B wiring



IDP-6AB 6" and SSB501 4" Mounting Base

- Plug-in detector bases for IDP detectors
- Screw terminals for power and remote annunciator connection
- With tamper proof option



IDP-Beam Addressable Reflected Beam Smoke Detector / IDP-Beam-T Reflected Beam Smoke Detector with added Test Feature

- Uniquely suited for protecting open areas with high ceilings
- IDP-Beam-T includes an integrated sensitivity test feature
- Listed for -22°F to 131°F (-30°C to 55°C)
- 16 to 328 foot protection range



IDP-Pull-SA Addressable Single Action Pull Station / IDP-Pull-DA Addressable Dual Action Pull Station

- Installer can open station without causing an alarm
- Dual-color LED is visible through handle of station blinks green to indicated normal operation and steady red in alarm
- Key operated test and reset lock



DNR Duct Detector Housing

- Uses IDP-Photo-R
- Add IDP-Relay for relay function
- Low-flow technology enabling duct smoke detection throughout a broad range of airflow environments
- Can detect smoke at air speed velocities from 100 feet per minute to 4000 feet per minute
- Continuously monitored through the panel SLC
- Supports Class B or Class A wiring



IDP-Iso Fault Isolator Module

- Isolates short circuits on an SLC
- Protects the modules on the SLC so other devices continue to operate



IDP-Minimon Mini Input Monitor Module

- Interfaces with contact devices such as waterflow switches and pull stations
- Supports Class B supervised wiring to the load device
- Single contact monitor



IDP-Monitor Input Monitor Module

- Acts as an interface to contact devices, such as waterflow switches and pull stations
- Supports Class A supervised or Class B supervised wiring to the load device



IDP-Monitor-2 Dual Input Monitor Module

- Addressable monitor module with two initiating circuits
- Interfaces to contact devices, such as waterflow and pull stations
- Supports Class B supervised wiring to the load device



IDP-Monitor-10 Ten Input Monitor Module

- Interfaces with contact devices, such as waterflow and pull stations
- Multiple input design allows for easy and efficient installation
- Supports 10 Class B supervised contact inputs or five Class A supervised contact inputs



IDP-Relay Addressable Relay Module

- Allows FACP to switch discrete contacts by code
- Contains 2 isolated sets of Form-C contacts operating as a DPDT switch
- Used for either normally open or normally closed applications



IDP-Relay-6 Six Relay Module

- Provides 6 Form-C relays
- Allows FACP to switch discrete contacts by code command
- Up to 3 circuits can be disabled on board



IDP-Zone Addressable Zone Interface Module

- Two-wire interface module
- Allows FACP to interface and monitor two-wire conventional smoke detectors
- Supervises the zone of detectors and external power supply

Honeywell Fire Systems (HFS) Protocol Devices



HFS-T Addressable Fixed Temperature Thermal Detector



HFS-P Addressable Photoelectric Smoke Detector



HFS-PT Addressable Photoelectric Smoke Detector with Thermal



HFS-MR Addressable Relay Module



SK-Pull-SA Addressable Pull Station



HFS-D Duct Smoke Detector



HFS-MM Miniature Monitor Module



SD505-DUCTR Addressable Duct Detector with Built-In Relay / SD505-DTS-K Addressable Duct Detector Test Switch

- Analog Addressable duct detector with built-in relay module
- SD505-DTS-K provides remote annunciation and testing capabilities for the SD505-DUCTR
- Two-wire connection to SLC



SD505-AHS Addressable Heat Detector

- Programmable Temperature range from 135°F to 150°F
- Low profile



SD505-AIS Addressable Ionization Smoke Detector

- Compensates automatically for contamination in the environment
- Effective in detecting rapidly burning fires with little smoke



SD505-APS Addressable Photoelectric Smoke Detector

- Compensates automatically for contamination in the environment



SD505-4AB/SD505-6AB Four/Six-Inch Detector Base

- Plug-in detector bases for Hochiki devices



SD505-6SB 6" Sounder Base

- Adds an audible output function to an analog addressable detector
- Fully supervised



SD505-6RB 6" Relay Base

- Adds an 8A relay output to an analog addressable detector
- Fully supervised



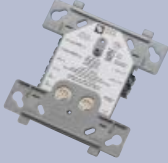
SD505-6IB 6" Isolator Base

- Isolates a short so that the SLC remains operational
- Fully supervised
- Supports either Class A or Class B supervision



IDP-Zone-6 Six Zone Interface Module

- Addressable zone interface module
- Provides 6 zone inputs to monitor 2-wire conventional smoke detectors
- Inputs share a common SLC input
- Initiating device circuits share a common external power supply



IDP-Control Supervised Control Module

- Addressable notification module
- Adds notification circuits to an FACP SLC
- Provides supervised monitoring of wiring that require external power supply
- Class B or Class A supervision



IDP-Control-6 Six Circuit Supervised Control Module

- Addressable notification module
- Provides 6 integrated modules to add notification circuits to an FACP SLC
- Provides supervised monitoring of wiring that requires external power supply
- Class B or Class A supervision

SD (Hochiki) Protocol Devices



SD500-AIM Addressable Input Module

- For use with Pull Stations, waterflow switches and other applications requiring dry contact alarm initiation devices
- Supervised single input contact monitors
- Operates on Class A or Class B SLC



SD500-MIM Mini-Input Module

- For use with Pull Stations, waterflow switches and other applications requiring dry contact alarm initiation devices
- Supervised single input contact monitors



SD500-ANM Addressable Notification Module

- Adds notification circuits to the SLC
- Up to 127 modules per loop
- Requires external power supply
- Class A or Class B notification circuits



SD500-ARM Addressable Relay Module

- Adds 2 Form-C contacts
- Contacts rated at 2A @ 30 VDC or .6A @ 120VAC
- Up to 127 relays can be used on each SLC



SD500-LIM Loop Isolation Module

- Isolates a short circuit wiring fault on an SLC
- Can be used on Class A and Class B wiring



SD500-SDM Smoke Detector Module

- Assigns an address to a loop of conventional detection devices
- Devices can be dry contacts or 2-wire smoke detectors
- Can be configured as Class A or Class B



SD500-LED SLC Annunciator Driver Module

- Capable of driving 80 LEDs per SD500-LED
- Up to 40 SD500-LEDs can be used per SLC



SD500-PS/PSDA Single or Dual Action Addressable Pull Station

- Rugged Metal construction
- Terminals accept up to 14 gauge wire
- For indoor use



SD505-DUCT Addressable Duct Detector

- Detects smoke and products of combustion in air moving through an HVAC system
- Two-wire connection to SLC
- Includes SD505-APS photo electric detector

Proven Applications

Silent Knight Fire Alarm Systems

Education: Schools and Universities



Fire Alarm Systems That Work for Your Schools

- Cost effective systems for retrofit or new construction as existing wiring can be used
- Systems that grow with schools and campuses
- Emergency Communications Systems for reliable notification
- Silent Knight is proud of their long history of serving the education community, building a strong reputation based on many satisfied customers.

Provide complete coverage of all the buildings on a school or university campus with the wide range of Silent Knight fire control panels.

Hospitality: Hotels, Entertainment and Restaurants



Effective Fire Protection for Guest Safety

- Ease of programming reduces installation time for small and large projects
- Distributed power supplies enable more effective use of power for notification
- Advanced smoke detection available for difficult areas prone to false alarms
- From a single 25 point panel to a 16 node network with thousands of points, Silent Knight has the system to match the building you are protecting.

Health Care Facilities: Clinics, Senior Living, and Hospitals



Superior Life Safety for Healthcare Facilities

- Integrated Emergency Communications Systems in the fire alarm control panel simplifies installation and operation
- Safe solutions for individual rooms offer flexibility and confidence
- Minimized nuisance alarms with utmost detection accuracy
- With Silent Knight's large point capacity systems and networkable control panels you can have complete coverage of your facility and maintain ADA compliance.

Places of Assembly: Religious, Community and Sports Centers



The Right Emergency Systems for the Gathered Community

- Emergency Communications capabilities integrated with the fire alarm controls ensures the right message gets to the occupants for immediate evacuation
- Functional systems design allows flexibility to meet current and future facility needs
- Highly reliable fire alarm system
- The VIP-Series control panels use distributed amplifiers, enabling location of the amplifiers where the speaker circuits are located, eliminating long wire runs. Speakers run at lower voltage setting, which reduces wiring costs.



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About Silent Knight

Founded in 1961, Silent Knight designs and manufactures commercial fire alarm and life safety systems. As part of Honeywell Fire Systems, Silent Knight is a leader in the fire alarm industry with its broad portfolio of products which are available through Farenhyt Authorized Distributors throughout the United States. Silent Knight's manufacturing operations are based in Northford, CT.

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