FIRE ALARM AND EMERGENCY COMMUNICATIONS SYSTEMS



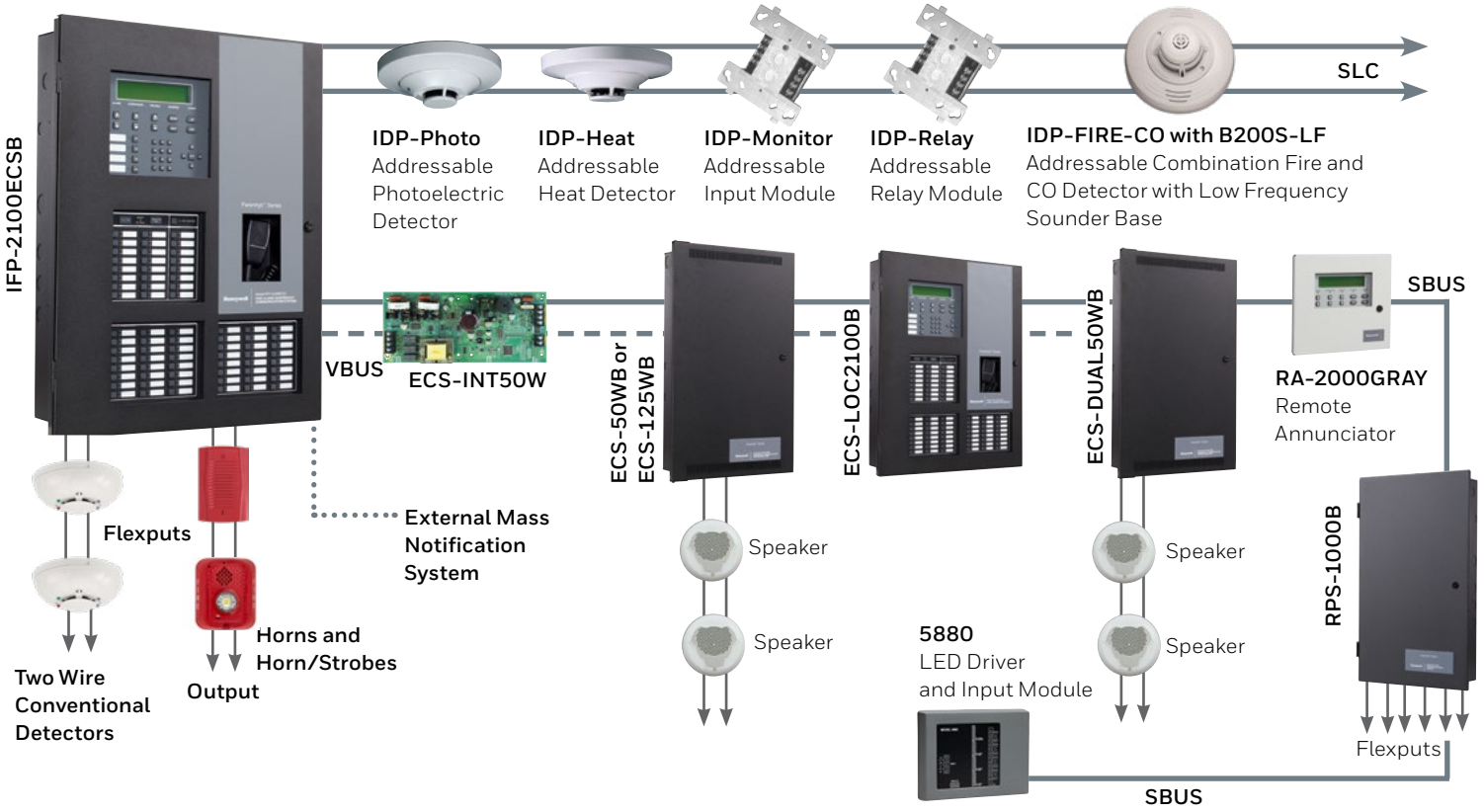
Honeywell

Farenhyt™ Series

THE POWER OF CHOICE

The Honeywell Farenhyt Series is your turnkey solution for fire protection, emergency communications and CO detection all in one easy to use package. From the top floor to the bottom line, Honeywell Farenhyt Series continues to lead with innovative and feature-rich products, and they are simultaneously affordable. Honeywell Farenhyt Series has always focused on functionality and flexibility, which is why its products are routinely found in educational institutions, hospitals and health care facilities, commercial complexes, commercial living spaces, and government buildings around the world.

EMERGENCY CONTROL SYSTEM APPLICATION



EMERGENCY COMMUNICATIONS SYSTEMS

All-In-One Fire, Voice, and Emergency Communication

Analog addressable fire alarm controls combined with integrated Emergency Communications Systems. The seamless combination of fire detection and emergency communication simplifies operation and programming of the entire system. Fire alarm, CO alarm, and ECS combined in one easy to operate system in your choice of red or black cabinet.





IFP-2100ECS/IFP2100ECSB

- Fire Alarm and ECS combined in one easy to program system
- Supports up to 16 addressable amplifiers for a maximum of 2,000W per system
- Up to 2100 addressable SLC points
- Up to 64 audio switches that can be mapped to 128 speaker circuits
- 15 recordable messages that can be mapped to 8 Emergency Communication System (ECS) buttons
- Supports up to 15 ECS-LOC's (Local Operators Console)
- Programmable inputs from an external mass notification (MNS) source, such as a Monaco System, to either the internal Voice Communication Module (VCM), Remote Voice Module (RVM), or our LED Driver I/O Module, the 5880. Up to 8 inputs available on each 5880 module.
- Separate networks for control and voice paging
- Built-in DACT and IP communicator with up/download capability. Optional cellular communicator.
- Dual channel capable with backup amplifier option using the ECS-DUAL50W
- UL listed Low Frequency alert tone capable using the ECS-DUAL50W or ECS-INT50W amplifiers

IFP-300ECS/IFP-300ECSB

- Fire Alarm and ECS combined in one easy to program system
- Supports up to 8 addressable amplifiers for a maximum of 1,000W per system
- Up to 300 addressable SLC points
- Up to 40 audio switches that can be mappedto 64 speaker circuits
- 15 recordable messages that can be mapped to 8 ECS buttons
- Supports up to 7 ECS-LOC's (Local Operators Console)
- Programmable inputs from an external mass notification (MNS) source, such as a Monaco System, to either the internal Voice Communication Module (VCM), Remote Voice Module (RVM), or our LED Driver I/O Module, the 5880. Up to 8 inputs available on each 5880 module.
- Separate networks for control and voice paging
- Built-in DACT and IP communicator with up/download capability. Optional cellular communicator
- Dual channel capable with backup amplifier option using the ECS-DUAL50W
- UL listed Low Frequency alert tone capable using the ECS-DUAL50W or ECS-INT50W amplifiers

ECS SERIES—EMERGENCY COMMUNICATIONS SYSTEMS

Integrated Distributed Amplifiers

Intelligent distributed amplifiers can be remotely mounted significantly reducing the speaker wire run distance. Each speaker circuit is fully programmable to deliver the correct message based on event.

Analog addressable fire alarm controls combined with integrated Emergency Communications Systems. The seamless combination of fire detection and emergency communication simplifies operation and programming of the entire system.



ECS-DUAL50W/ECS-DUAL50WB

- Amplifier can be configured as
  - 50 watts with 50 watts as backup
  - 100 watt single channel
  - 100 watt single channel with 50 watts backup using ECS-50WBU
  - Dual channel 50 watts for each channel
- UL listed for 520Hz signaling when used with compatible speakers
- Eight built-in speaker circuits
- Selectable 25 or 70.7 Vrms

ECS-50W/ECS-50WB

- 50 watts total
- Four built-in speaker circuits expandable to eight
- Selectable 25 or 70.7 Vrms

ECS-125W / ECS-125WB

- 125 watts total
- Four built-in speaker circuits expandable to eight
- 25 Vrms only



ECS-INT50W

- One built-in 50 watt single channel circuit
- Conveniently mounts inside ECS/Fire alarm control unit
- UL listed for 520Hz signaling when used with compatible speakers
- Selectable 25 or 70.7 Vrms

SWIFT WIRELESS ADDRESSABLE DEVICES



SWIFT wireless can be mixed on the same hardwire detectors and modules to be a hybrid system, applying wireless where you need it.

WIDP-PHOTO Wireless Photoelectric Smoke Detector
WIDP-ACCLIMATE Wireless Multi-Criteria Smoke Detector
WIDP-HEAT Wireless 135ºF Thermal Detector
WIDP-HEAT-ROR Wireless Rate-Of-Rise Thermal detector

WIDP-MONITOR Wireless Monitor Module
WIDP-RELAY Wireless Relay Module
WIDP-PULL-DA Wireless Pull Station

WAV-RL Wireless AV Base Wall, Red
WAV-WL Wireless AV Base Wall, White
WAV-CRL Wireless AV Base Ceiling, Red
WAV-CWL Wireless AV Base Ceiling, White

WIDP-WGI Wireless SLC Gateway Module
W-USB Wireless USB radio/antenna dongle

ADDRESSABLE FIRE FIGHTER TELEPHONE SYSTEM



IFP-FFT Fire Fighter Telephone System

- The most flexible and reliable fire telephone control system for fire fighters use with fire alarm systems, providing supervision, annunciation and control for local and remote telephone handsets
- Control and annunciate up to 72 remote telephone jacks
- Up to 10 Fire Fighter Remote Handsets (FFT-RHS) can be used to communicate over the circuit

CLSS-ENABLED COMMERCIAL FIRE ALARM COMMUNICATORS

Honeywell CLSS-enabled fire alarm communicators combine dialer capture functionality with the powerful capabilities of Honeywell's Connected Life Safety Services (CLSS) data visual intelligence cloud platform offering the latest in fire alarm communications. Utilizing the 5G LTE-M network, Honeywell communicators serve as a bridge between the fire system and CLSS Cloud and offers support for AT&T and Verizon Wireless networks.

CLSS Pathway (HW-AV-LTE-M) 5G LTE-M Fire Communicator

- Dual SIM automatically picks from AT&T or Verizon networks for ultimate redundancy and reliability LTE-CAT-M1 network is 5G-ready for deep signal penetration inside buildings
- Meets UL 864 requirements for sole, primary or backup path communications
- Universal fire alarm control panel (FACP) compatibility and direct power from 24 volt FACP
- Remote firmware updates
- Enclosure kit sold separately (HW-AV-ENC)
- Includes access to CLSS cloud services



HW-AV-ENC

HW-AV-LTE-M



HW-TG7FE





HW-TG7FP

HW-TG7 Series 5G LTE-M Fire Communicators

- The HW-TG7 Series combines Telguard® fire alarm communicators with Honeywell's Connected Life Safety Services (CLSS)
- Support for AT&T and Verizon 5G LTE-M networks
- Sole, dual, primary, or backup path communications
- Support for the most common alarm formats, including Contact ID
- 5- or 60-minute supervision modes
- Metal and compact, plastic enclosure options available
- Includes access to CLSS cloud services
- HW-TG7 Series communicator options:
- Telguard HW-TG7FE-A (AT&T + IP)
- Telguard HW-TG7FE-V (Verizon + IP)
- Telguard HW-TG7FP-A (AT&T Only)
- Telguard HW-TG7FP-V (Verizon Only)
- Telguard HW-TG7FS-A (AT&T + POTS)
- Telguard HW-TG7FS-V (Verizon + POTS)

Honeywell Connected Life Safety Services (CLSS) is an innovative, all-in-one cloud software platform that enables systems integrators and facilities managers to deliver an enhanced fire safety service, while maximizing the performance efficiencies offered by Honeywell's trusted detection and alarm systems. By harnessing the power of data, it delivers the connectivity and intelligence needed for secure, compliant, and more efficient fire system management.

CLSS Software Features

- CLSS CheckPoint digitizes the test and inspection process so you can easily generate standard or customizable reports through the web or mobile app (available in select markets).
- CLSS Site Manager provides a "bird's eye" view of all your accounts and real-time information on event generation so you can diagnose before dispatch. Reduce unnecessary trips and improve your first-time fix rate.
- CLSS Facility Manager provides your end users with event alerts via mobile app and access to asset information across multiple sites.

ADDRESSABLE FIRE ALARM CONTROL PANELS

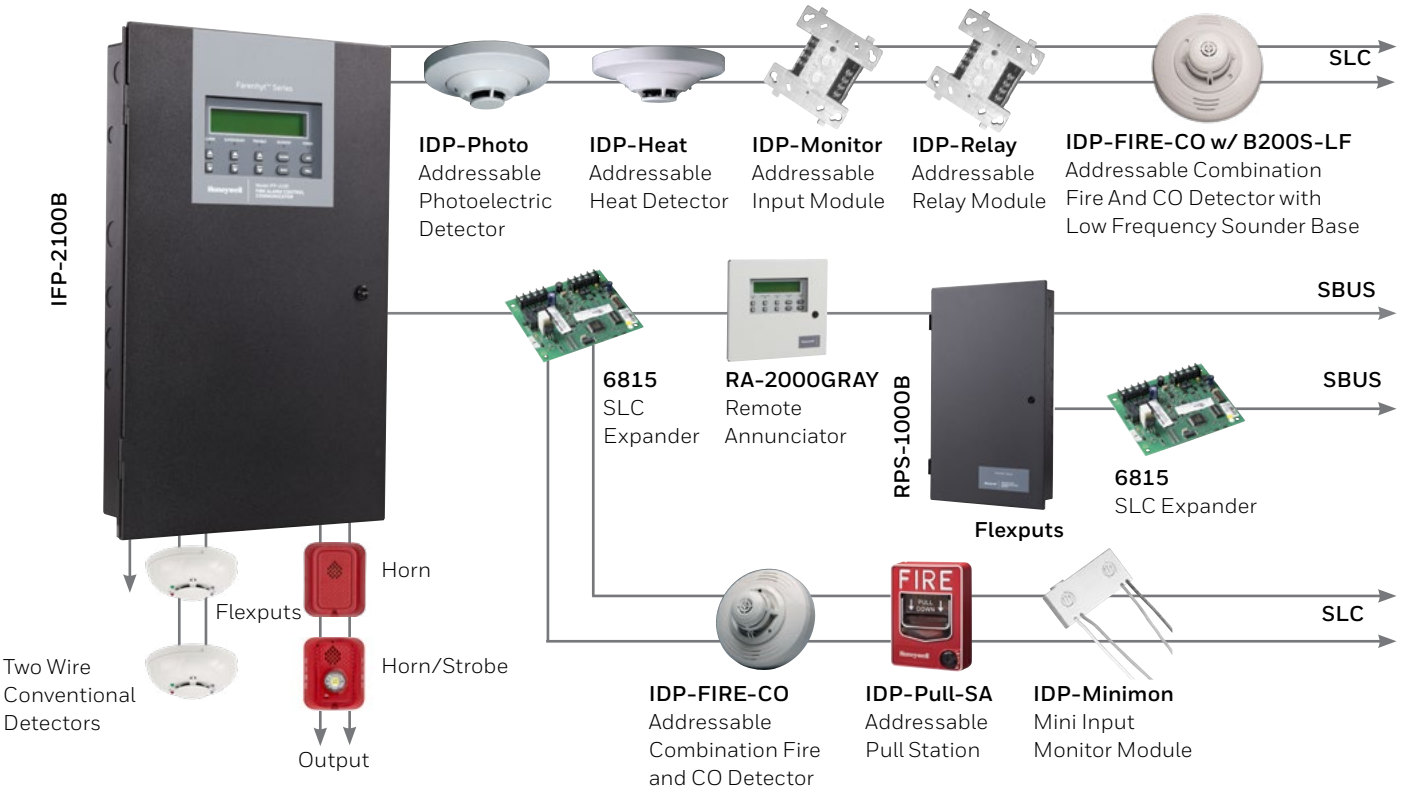


FEATURE	IFP-75	IFP-300	IFP-2100
Addressable Points			
IDP	75/75	300	2,100
SK	75/75	300	2,100
SD	75	254	2,032
NAC	2	4	8 Flexputs
Power Supply	2.5A	6A	9A
Function Keys	-	4	4
Number of SBUS's	1	1	2

IFP-75, IFP-300, and IFP-2100

The IFP Series of fire products offers flexible, easy-to-use and maintain fire and CO alarm control systems, with the power of choice to select the right size and accessories for the project.

- Analog controls for detector sensitivity, day/night thresholds, drift compensation and pre-trouble maintenance alert
- User friendly software provides access to programming, up/downloading, event history, detector status, test reports, and much more
- Choose one of three available protocols per panel. (IDP, SK or SD)
- Built-in DACT and IP communicator with optional cellular module.
- Supports up to four SWIFT gateways capable of up to 49 SWIFT wireless devices each
- Network support for up to 32 Honeywell Farenhyt fire alarm control panels and Emergency Communication/Voice Evacuation panels

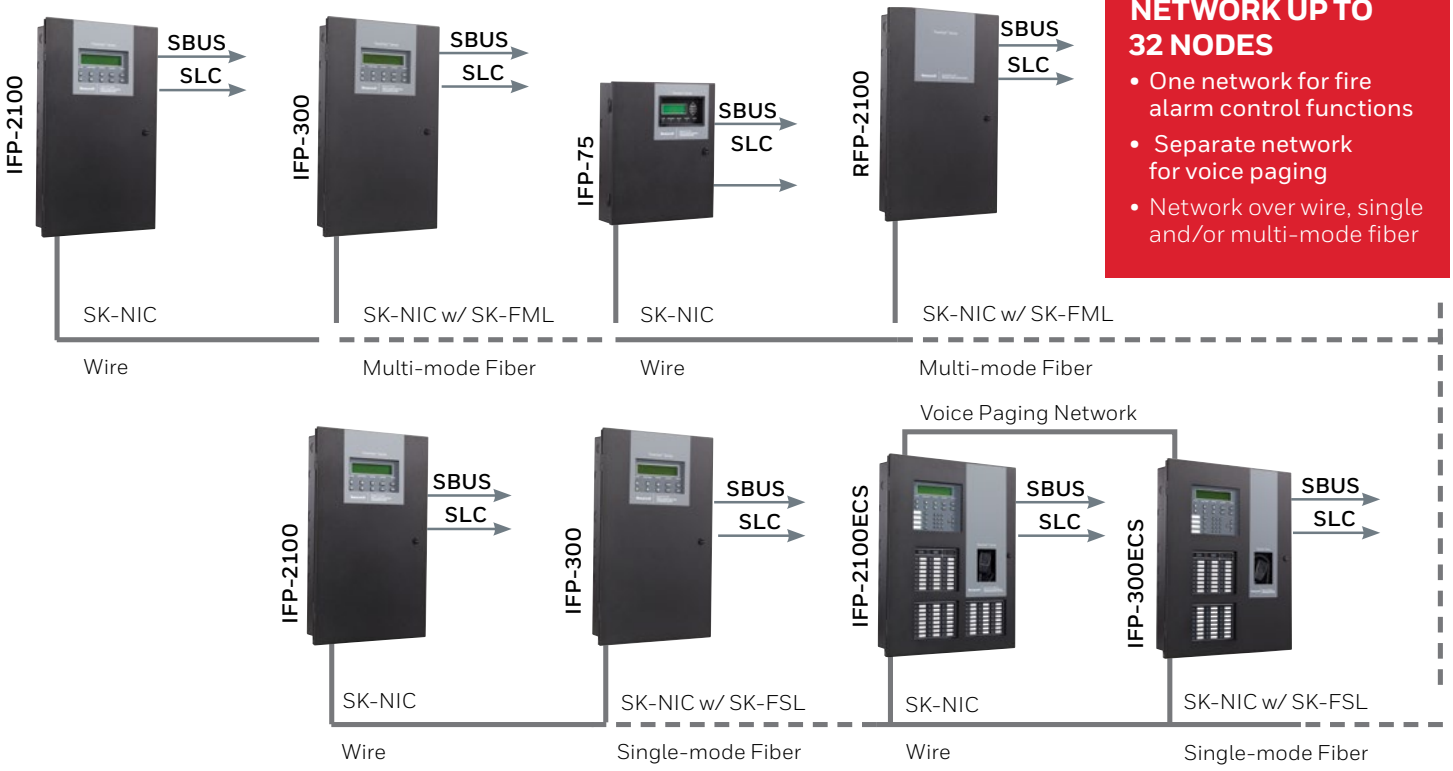


Flexput® Circuits

Flexible input or output circuit that you can conveniently program to be used for Notification Appliance Circuits, Auxiliary Power, or as a conventional input circuit. With auxiliary power, it can be selected as constant power, door power, or resettable smoke power. The Flexput circuits provide the utmost versatility without the added expense of additional modules, a perfect fit for retrofitting an existing conventional system when budgets are a concern.

NETWORKING

IFP-Series Black Networking Options



NETWORK UP TO 32 NODES

- One network for fire alarm control functions
- Separate network for voice paging
- Network over wire, single and/or multi-mode fiber

CLSS HORIZON GRAPHIC MONITORING SYSTEM

CLSS Horizon is Graphic Monitoring System software used to monitor up to 200 addressable control panels (nodes) with accessories. Running on a standard PC workstation and Microsoft® Windows® Operating System, CLSS Horizon presents the user with an easy-to-use and attractive graphic user interface. It is fully customizable to adapt to a wide variety of monitoring situations and supports multiple operators monitoring all or a portion of local sites.

CLSS Horizon Features

- Cloud-Connected or LAN-Connected option
- System Administrator-definable profiles govern access
- Plug-in architecture
- Event printing from workstation or on the network
- Autonavigation automatically locates and zooms to the device related to an alarm or event, based on the priority of the event
- Utilizes existing building drawings exported to .wmf or .dxf formats
- Dynamically generated sizeable key map linked to main screen
- Monitor up to 200 Farenhyt Series Addressable Fire Alarm Control Panels



POWER SUPPLIES



The intelligent way to distribute power throughout your installation.

Both power supplies have:

- 6A of output power
- Notification Appliance Circuit (NAC)
- Auxiliary power
- Built-in synchronization for System Sensor, Wheelock, Gentex, and Faraday

RPS-1000 / RPS-1000B

- 6 programmable Flexput I/O circuits for ease and flexibility in programming
- Additional SBUS for simplifying remote accessory connection
- 2 programmable relays
- Conventional input

5496

- 4 programmable output circuits



HPF-PS6 and HPF-PS10

Distributed Power Supplies

Honeywell's remote power supplies are designed to meet the growing needs of today's installations and servicing requirements by offering more capabilities than ever before. With 6-amp and 10-amp models available, Honeywell's remote power supplies offers reliable notification power with more flexibility, more inputs and outputs, more ways to sync and more efficient installation.

- Up to five (6 amp model) or seven (10 amp model) independently-configurable, power limited output circuits for:
  - Class B and/or Class A NACs
  - Class B and/or Class A resettable or nonresettable
  - 12 or 24V auxiliary power
- Converts from Class B to Class A wiring without losing any outputs using the ZNACPS converter card (sold separately)
- Built-in 18 amp Hour Battery Charger
- Provides synchronized cascading for up to 4 levels
- Accommodates up to two 7 Ah or 18 Ah batteries and can charge up to 33 Ah charging capacity
- Operates as a sync follower or a sync generator (default)
- Configurable for ANSI® Temporal 3 or Temporal 4 coded output
- Features intuitive diagnostic and troubleshooting LEDs
- Includes Display Trouble History Mode to review all trouble conditions
- Features removable door and 10 concentric knockouts for easier access and setup
- Compatible with wide range of end-of-line resistors for easy retrofit
- Optimal for powering four-wire smoke detectors, annunciators, and other system peripherals requiring regulated power
- Supports System Sensor®, Wheelock®, Gentex®, and Amseco® AV sync protocols

DETECTORS



IDP Devices

- Save time with code wheel addressing
- Proprietary to IFP Series Fire Alarm Control Panels



SK Devices

- Non-proprietary line of System Sensor devices
- Compatible with Farenhyt Series Black line of addressable fire alarm controls



Gas and Flame Detection

- Flammable, toxic and combustible gas detection
- Flame detection by UV and IR
- Works with all Farenhyt Series Alarm Control Panels

NOTIFICATION APPLIANCES



L-Series WITH LED Notification Devices

The System Sensor L-Series with LED audible visible notification appliances offer LED lighting technology supporting an average of 40% lower current draw than older xenon bulbs across a full candela range. This improves design flexibility for notification appliance circuits (NACs) while also reducing power supply requirements, allowing for simpler and lower-cost installations. This portfolio has a variety of accessories, including colored lenses, bezel kits for alternate marking, surface mount back boxes, and trim rings.

The L-Series with LED notification appliances portfolio also offers a diagnostic test point feature that allows you to measure device voltage with a digital voltage meter (DVM) without removing the appliance from the wall or ceiling. The DVM test points are discreetly located on the face of the notification appliance and enable faster troubleshooting and end-of-line (EOL) voltage checks while greatly reducing the risk of misplacing or damaging appliances during troubleshooting. For more information on LED devices, please visit www.systemsensor.com



FIRE ALARM DEVICES

Devices

B200S-WH/B200S-IV Intelligent Sounder Base (White/Ivory)

B200S-LF-WH/B200S-LF-IV Intelligent Low Frequency Sounder Base (White/Ivory)

B200SR-WH/B200SR-IV Sounder Base (White/Ivory)

B200SR-LF-WH/B200SR-LF-IV Low Frequency Sounder Base (White/Ivory)

B300-6/B300-6-IV Intelligent 6-Inch Detector Base (White/Ivory)

B224BI-WH/B224BI-IV Isolator Base (White/Ivory)

B224RB-WH/B224RB-IV Relay Base (White/Ivory)

B501-WHITE/B501-IV Intelligent 4-Inch Detector Base (White/Ivory)

ISO-6 Six Fault Isolator Module

OSI-RI-FH Single-Ended Reflected Beam Detector

IDP-CONTROL Supervised Control Module

IDP-CONTROL-6 Six Circuit Supervised Control Module

IDP-DUCT-W Photoelectric Duct Detector

IDP-FIRE-CO-W Combination Fire and 10-Year CO Detector

IDP-HEAT-HT-W 190°F Fixed High Temperature Heat Detector (White)

IDP-HEAT-ROR-W 135°F Fixed Temperature Rate of Rise Heat Detector (White)

IDP-HEAT-W 135°F Fixed Temperature Heat Detector (White)

IDP-ISO Fault Isolator Module

IDP-MINIMON Mini Monitor Module

IDP-MON-10 Ten Input Monitor Module

IDP-MONITOR Monitor Module

IDP-MONITOR-2 Dual Monitor Module

IDP-PHOTO-R-W Remote Test Capable Detector for DNR/DNW (White)

IDP-PHOTO-T-W Photoelectric Thermal Detector (White)

IDP-PHOTO-W Photoelectric Detector (White)

IDP-PTIR-W Multi-Criteria Photoelectric Detector with Thermal Sensing

IDP-PULL-DA Addressable Dual Action Pull Station

IDP-PULL-SA Addressable Single Action Pull Station

IDP-RELAY Relay Control Module

IDP-RELAY-6 Six Relay Control Module

IDP-RELAYMON-2 Intelligent Dual Monitor/ Relay Module

IDP-ZONE ZONE Interface Module

SK-ZONE-6 Six Zone Interface Module

Audible/Visible Devices

Most of our AV devices are available in red or white. Part numbers with an "R" indicate red and "W" white. For more AV options visit www.systemsensor.com.

CHSRL/CHSWL Wall Chime/Strobe

CHSCRL/CHSCWL Ceiling Chime/Strobe

CHRL/CHWL Wall Chime

HCRL-LF/HCWL-LF Ceiling Low Frequency Sounder

HGRL-LF/HGWL-LF Compact Wall Low Frequency Sounder

HRL/HWL Wall Horn

HRL-LF/HWL-LF Wall Low Frequency Sounder

P2RL/P2WL Wall Horn/Strobe

P2RL-LF/P2WL-LF Wall Low Frequency Sounder/Strobe

P4RL/P4WL Wall Horn/Strobe (4-wire)

PC2RL/PC2WL Ceiling Horn/Strobe

PC4RL/PC4WL Ceiling horn/Strobe (4-wire)

PC2RL-LF/PC2WL-LF Ceiling Low Frequency Sounder Strobe

SRL/SWL Wall Strobe

SCRL/SCWL Ceiling Strobe

SCWL-TILE Drop-in Ceiling Tile Strobe

SPCRL/SPCWL Ceiling Speaker

SPCWL-TILE Drop-in Ceiling Tile Speaker

SPRL/SPWL Wall Speaker

SPSCRL/SPSCWL Ceiling Speaker/Strobe

SPSCWL-TILE Drop-in Ceiling Tile Speaker Strobe

SPSRL/SPSWL Wall Speaker/Strobe

SWIFT Wireless Detection

Uses SK Protocol

WAV-CRL AV Ceiling Base (Red)

WAV-CWL AV Ceiling Base (White)

WAV-RL AV Wall Base (Red)

WAV-WL AV Wall Base (White)

WSK-HEAT Fixed Heat Detector

WSK-HEAT-ROR Rate-of-Rise Heat Detector

WSK-MONITOR Monitor Module

WSK-PHOTO Photo Detector

WSK-PHOTO-T Photo/Thermal Detector

WSK-PULL-DA Pull Station

WSK-RELAY Relay Module

WSK-WGI Gateway

W-SYNC Sync Module

W-USB SWIFT Tools USB Transceiver

Other Devices

5496 Addressable Power Supply

5815XL Signaling Line Circuit for SD Devices

5824 Serial/Parallel Module

5860/5860R Remote LCD Annunciator

5880 LED Input/Output Module

5883 Relay Interface Board

5895XL Intelligent Power Module

6815 Signaling Line Circuit for SK Devices

SK-FML Fiber Optic Card (Multi-Mode) Transmitter/Receiver

SK-FSL Fiber Optic Card (Single-Mode) Transmitter/Receiver

SK-NIC Network Interface Card

SK-NIC-KIT Accessory Cabinet for SK-NIC

SK-SCK Seismic Compliance Kit

PROVEN APPLICATIONS



EDUCATION: SCHOOLS AND UNIVERSITIES

Fire Alarm Systems That Work for Your Schools

- Cost effective non-proprietary systems for retrofit or new construction as existing wiring can be used
- Systems that grow with schools and campuses
- All-in-one Fire and Emergency Communication Systems for one simple on the wall solution



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
- Protect room with just one or two devices on the wall providing low frequency notification, smoke, carbon monoxide detection and voice evacuation
- From a single 75 point panel to a 32 node network with thousands of points



HEALTH CARE FACILITIES: CLINICS, SENIOR LIVING, AND HOSPITALS

Superior Life Safety for Healthcare Facilities

- Integrated Emergency Communications System 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 using advanced detection solutions
- With Farenhyt's large point capacity systems 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
- Functional systems design allows flexibility to meet current and future facility needs
- Highly reliable fire alarm system
- The ECS control panel uses distributed amplifiers, enabling location of the amplifiers where the speaker circuits are located, eliminating long wire runs.

For more information
www.farenhyt.com

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