

**Honeywell**  
THE POWER OF CONNECTED

Farenhyt™ Series

## Fire Alarm and Emergency Communications Systems

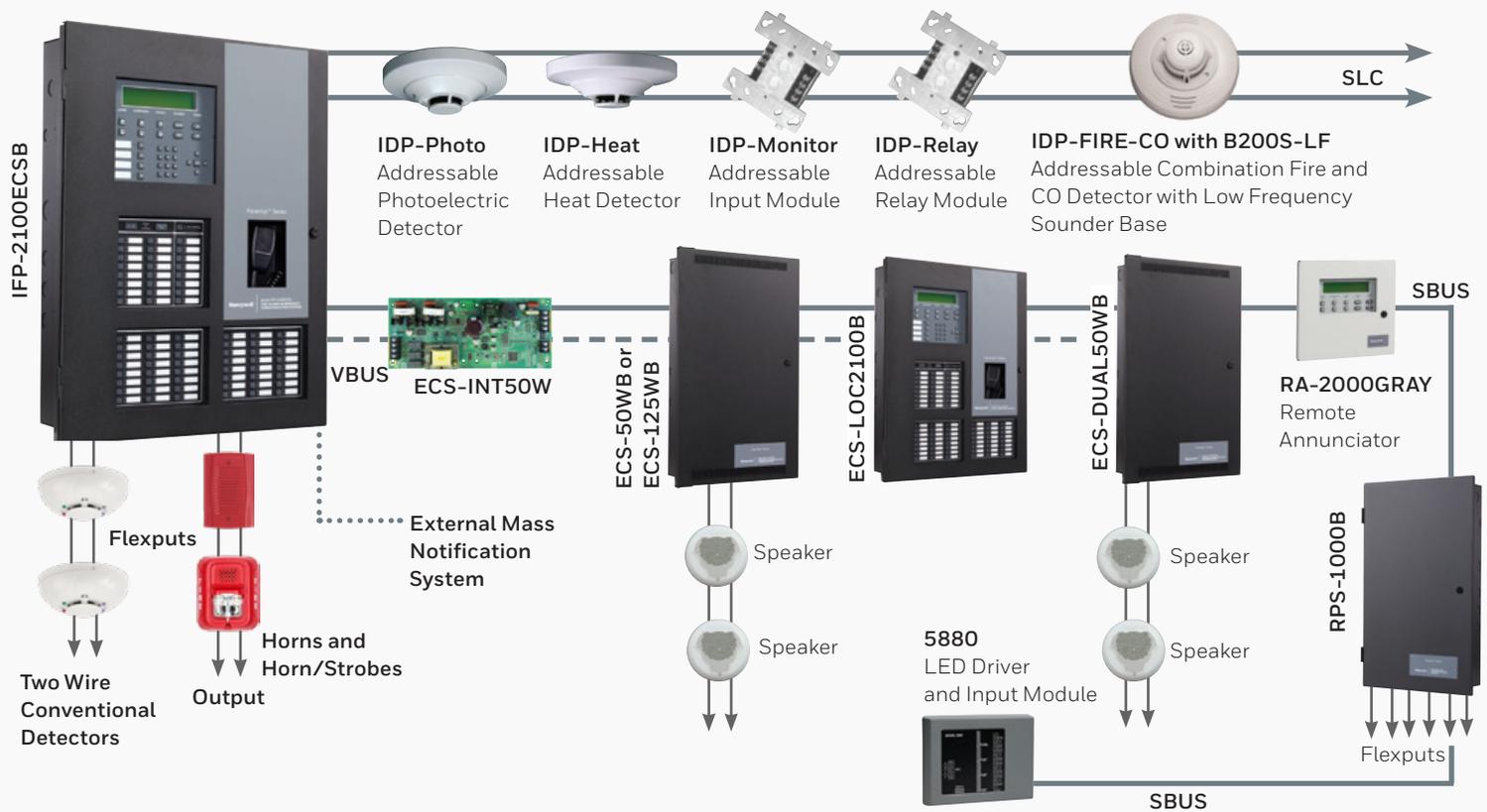


# The Power of Choice

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.

The Honeywell Farenhyt Series provides end-to-end fire alarm solutions that are known to not only provide power and control, but choice as well.

## Emergency Control System Application



# Emergency Communications Systems

## Integrated Systems

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 mapped to 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 addressable devices provide secure, reliable communication to the fire alarm control panel (FACP) across a Class A mesh network. Great for applications where it is costly, obtrusive, or possibly dangerous to use traditional wired devices.

- WIDP-PHOTO** Wireless Photoelectric Smoke Detector
- WIDP-ACCLIMATE** Wireless Multi-Criteria Smoke Detector
- WIDP-HEAT** Wireless 135°F 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

# Conventional Fire Alarm Control Panels



## SK-5208

This all-in-one conventional control panel is easy to install, program and maintain.

- 10 zones, expandable to 30 zones
- 4 Notification Appliance Circuits
- 6 A power supply
- Programmable from panel or PC
- Built-in digital communicator



## SK-2 (2-Zone)

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



## SK-4 (4-Zone)

- 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)



## Communicators



### IPGSM-4G IP Fire Communicator with GSM/SMS Backup

- Triple path fire alarm communicator utilizes IP, GSM and SMS technology
- Uses IP communication as the primary communication, with dual GSM technology as a backup
- Connects directly to fire alarm DACT circuit
- Cost-effective and selectable IP connectivity or GSM cellular communications
- Dual path fire alarm communicator utilizes IP and GSM technology



### 5104 Digital Fire Communicator

- Works as a standalone unit or adjunct to another Fire Alarm Control Panel
- Fully supervised



### CELL-CAB-SK / CELL-MOD

- Cellular options for the Farenhyt Series Black
- CELL-CAB-SK cellular card comes inside metal cabinet with lock and key. CELL-MOD cellular card comes inside plastic enclosure
- Full data reporting using Contact ID format
- Remote mounting available for best cell reception
- UL listed for sole, primary or backup fire alarm communications
- GSM-ANT3DB 3dB gain external/remote antenna
- 7626-50HC 50 ft., low loss, external antenna cable



### IPDACT-2 / IPDACT-2UD IP Fire Communicator

- Uses IP communication as the primary communication
- Connects directly to fire alarm DACT circuit or the 5104

# Addressable Fire Alarm Control Panels

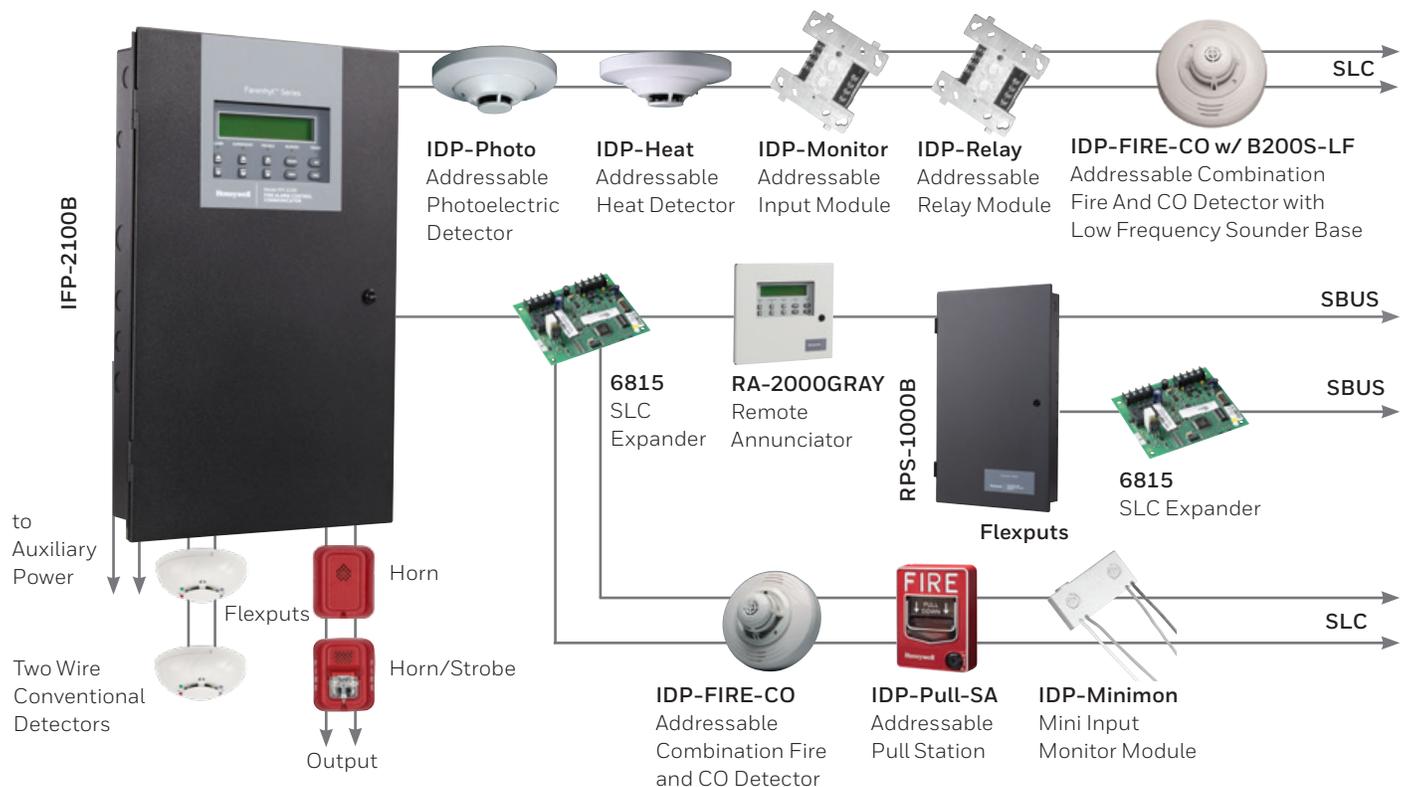


## IFP-75, IFP-300, and IFP-2100

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

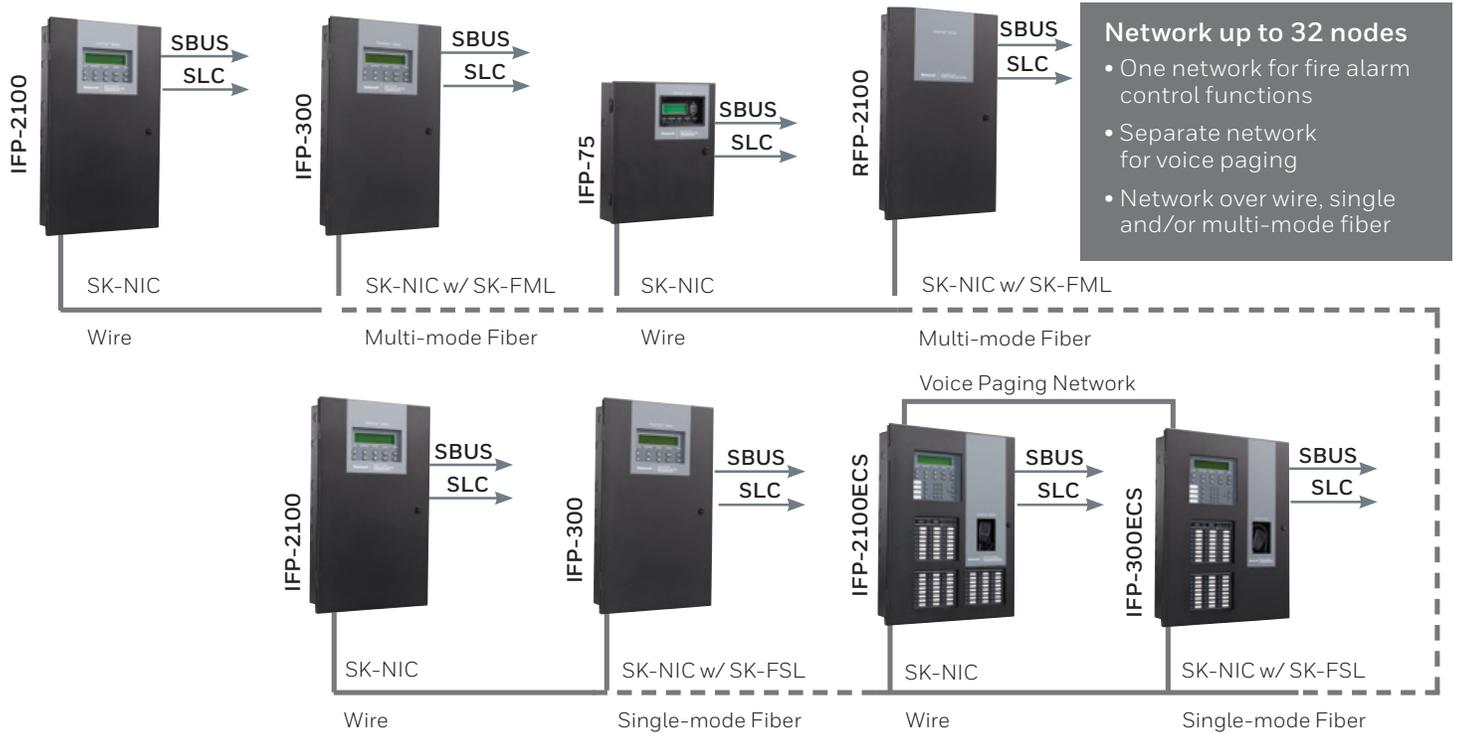
Feature	IFP-75	IFP-300	IFP-2100
<b>Addressable Points</b>			
IDP	75/75	300	2,100
SK	75/75	300	2,100
SD	75	254	2,032
<b>NAC</b>	2	4	8 Flexputs
<b>Power Supply</b>	2.5A	6A	9A
<b>Function Keys</b>	-	4	4
<b>Number of SBUS's</b>	1	1	2



**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



## IFP-Net-3 Graphic Monitoring System

The IFP-Net 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, the IFP-Net 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.

### IFP-Net-3 Features

- Monitors panels over IP Network
- System Administrator-definable profiles allow for extremely flexible definition of operator accounts
- Plug-in architecture
- Event printing from workstation or on the network
- Autonavigation (selectable for each device) 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



# Addressable 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

# 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
- Now compatible with Farenhyt Series Black line of addressable fire alarm controls



## SD Devices

- Reliable, addressable detectors and modules
- Works with all Farenhyt Series Fire Alarm Control Panels



## FAAST Aspiration Detection

- Very early warning fire detection using air sampling and dual sensing technology
- Protect high value assets, mission critical operations, and reduce false alarms
- Works with all Farenhyt Series Fire Alarm Control Panels



## 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 Notification Devices

The System Sensor L-Series product line is the industry's most refined series of audible/visible notification appliances that simplify the specification, configuration and installation of fire systems.

The L-Series provides lower current draw, with a modern sleek design and has a variety of accessories including colored lenses, bezel kits for alternate marking, surface mount back boxes and trim rings.



# 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](http://www.farenhyt.com)

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