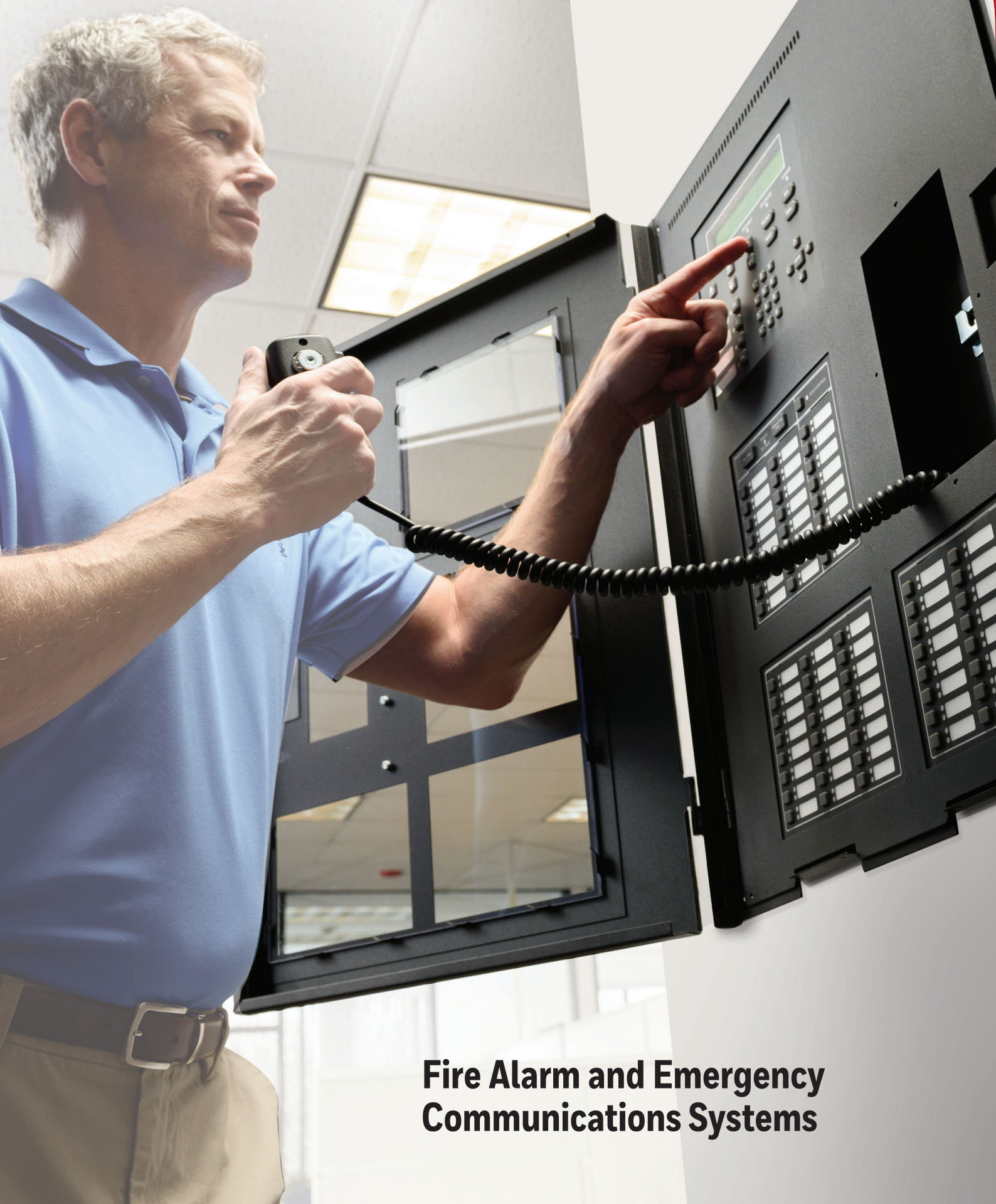Honeywell
THE POWER OF **CONNECTED**

Farenhyt™ Series

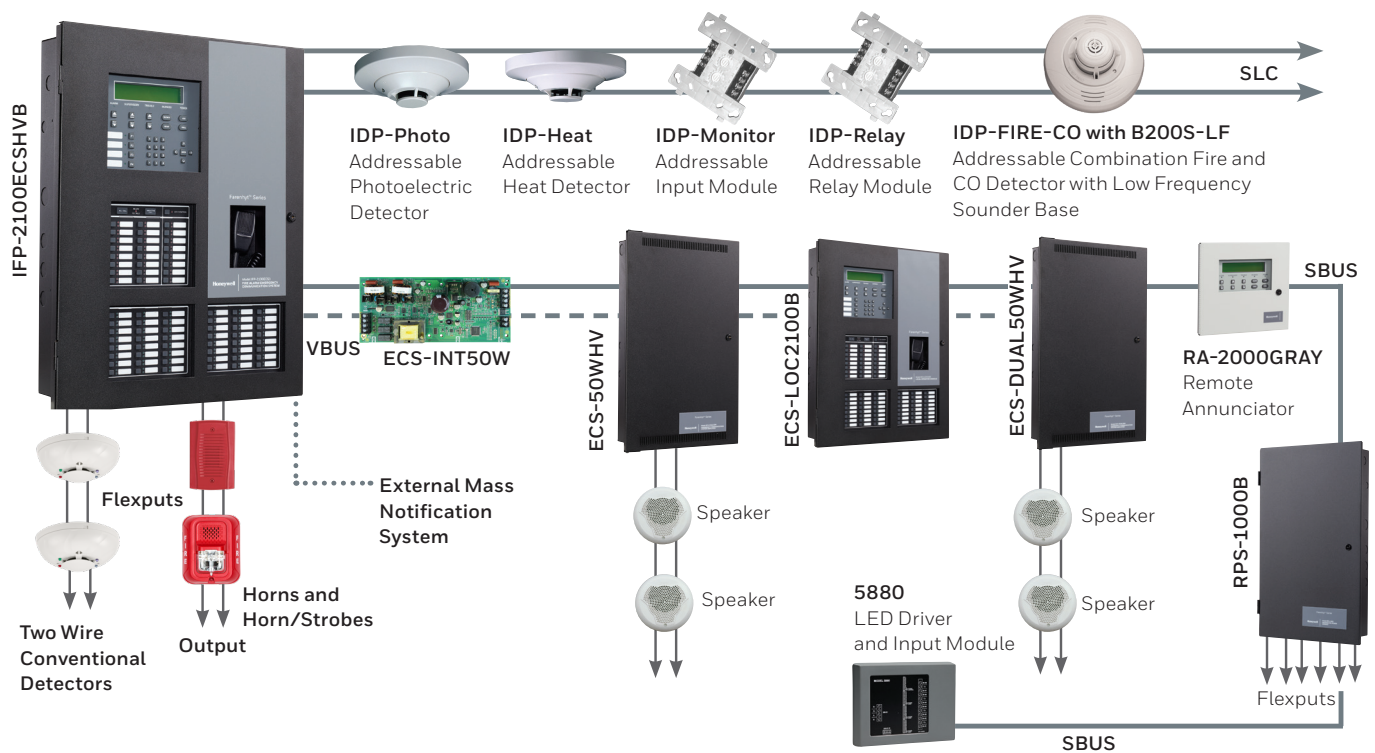**Fire Alarm and Emergency Communications Systems**

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

IFP-2100ECSHVB

IDP-Photo
Addressable Photoelectric Detector

IDP-Heat
Addressable Heat Detector

IDP-Monitor
Addressable Input Module

IDP-Relay
Addressable Relay Module

IDP-FIRE-CO with B200S-LF
Addressable Combination Fire and CO Detector with Low Frequency Sounder Base

SLC

VBUS   **ECS-INT50W**

ECS-50WHV

ECS-LOC2100B

ECS-DUAL50WHV

RA-2000GRAY
Remote Annunciator

SBUS

Flexputs

External Mass Notification System

Speaker

Speaker

Speaker

Speaker

Horns and Horn/Strobes

Two Wire Conventional Detectors

Output

5880
LED Driver and Input Module

RPS-1000B

Flexputs

SBUS

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-2100ECSHV/IFP-2100ECSHVB

- 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

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-DUAL50WHV/ECS-DUAL50WHVB

- 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-50WHV/ECS-50WHVB

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

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 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

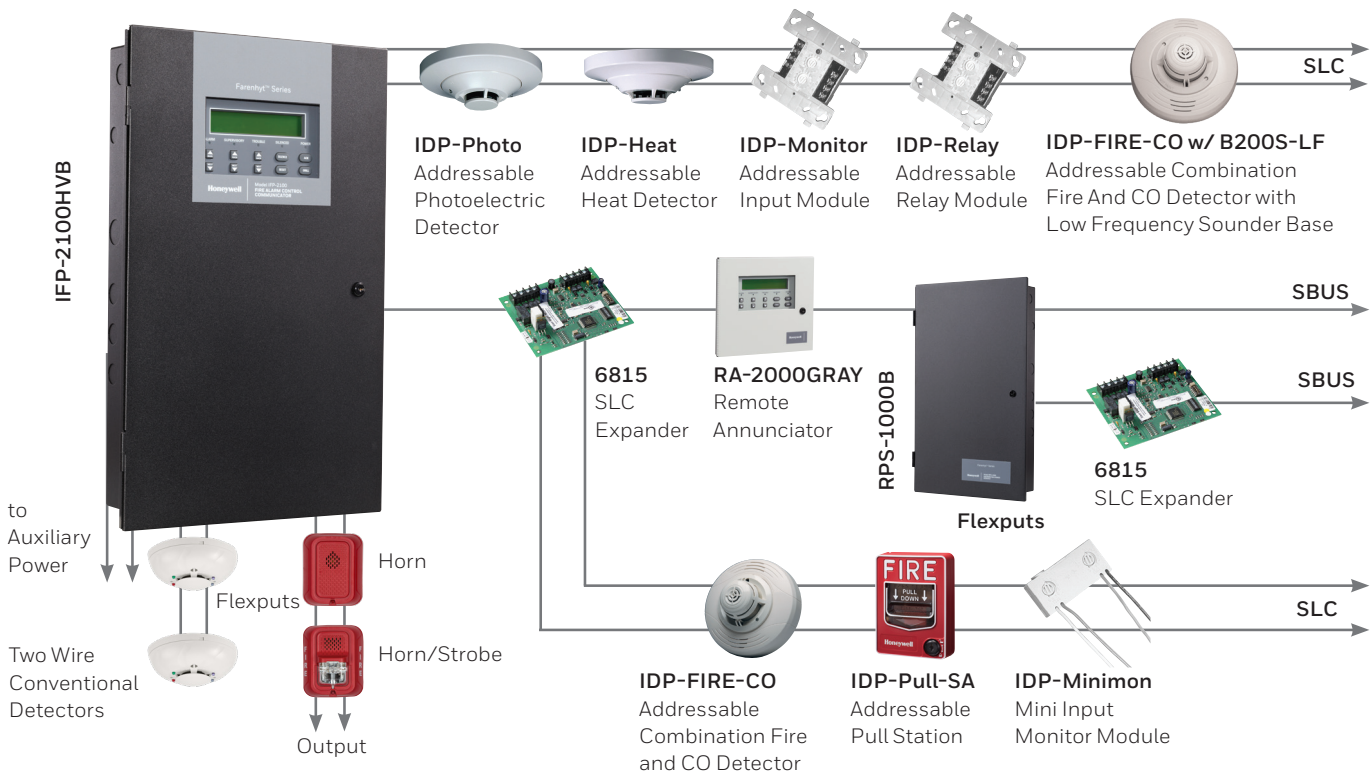# Addressable Fire Alarm Control Panels

IFP-2100HV

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.
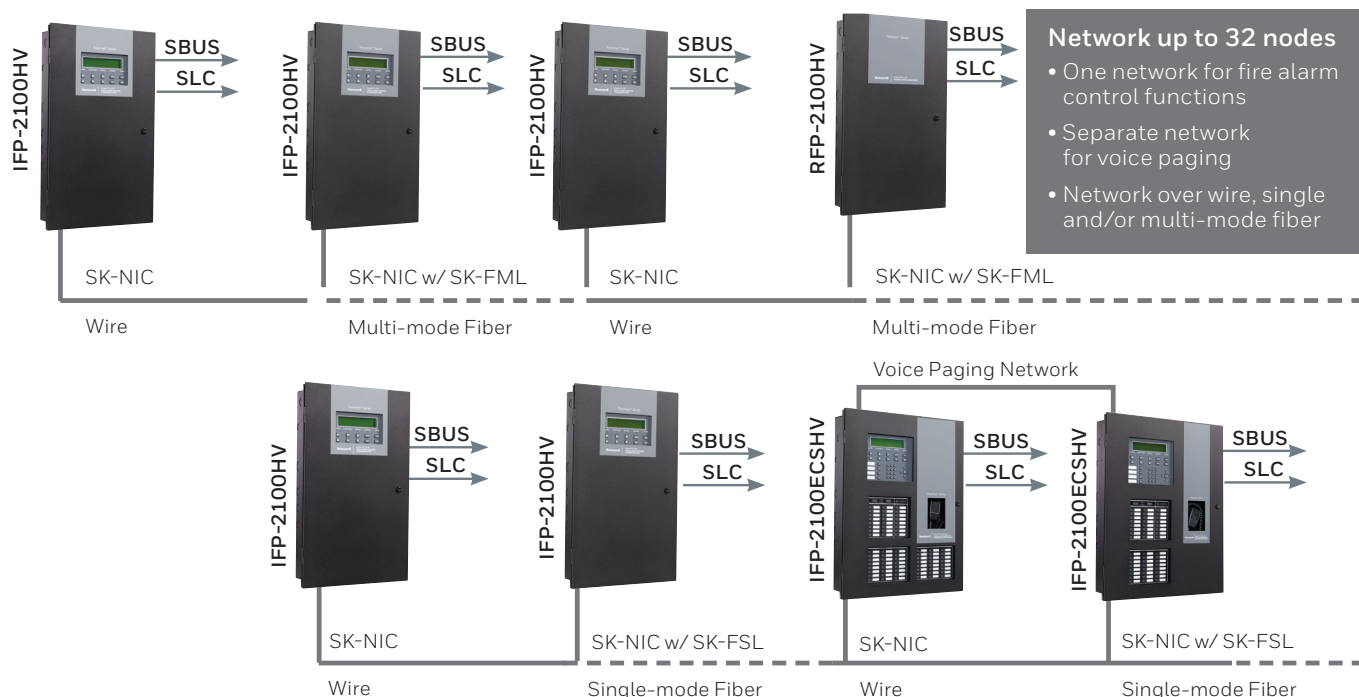
- Analog controls for detector sensitivity, day/night thresholds, drift compensation and pre-trouble maintenance alert

- 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 fi re alarm control panels and Emergency Communication/Voice Evacuation panels

Feature	IFP-2100HV
Addressable Points	
IDP	2,100
NAC	8 Flexputs
Power Supply	9A
Function Keys	4
Number of SBUS's	2

IFP-2100HVB

IDP-Photo Addressable Photoelectric Detector

IDP-Heat Addressable Heat Detector

IDP-Monitor Addressable Input Module

IDP-Relay Addressable Relay Module

IDP-FIRE-CO w/ B200S-LF Addressable Combination Fire And CO Detector with Low Frequency Sounder Base

SLC

6815 SLC Expander

RA-2000GRAY Remote Annunciator

RPS-1000B

Flexputs

6815 SLC Expander

SBUS

SBUS

to Auxiliary Power

Flexputs

Horn

Horn/Strobe

Output

Two Wire Conventional Detectors

IDP-FIRE-CO Addressable Combination Fire and CO Detector

IDP-Pull-SA Addressable Pull Station

IDP-Minimon Mini Input Monitor Module

SLC

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-2100HV		IFP-2100HV		IFP-2100HV		RFP-2100HV		Network up to 32 nodes
SBUS	SLC	SBUS	SLC	SBUS	SLC	SBUS	SLC	• One network for fire alarm control functions
SK-NIC		SK-NIC w/ SK-FML		SK-NIC		SK-NIC w/ SK-FML		• Separate network for voice paging
Wire		Multi-mode Fiber		Wire		Multi-mode Fiber		• Network over wire, single and/or multi-mode fiber

Voice Paging Network

IFP-2100HV		IFP-2100HV		IFP-2100ECSHV		IFP-2100ECSHV	
SBUS	SLC	SBUS	SLC	SBUS	SLC	SBUS	SLC
SK-NIC		SK-NIC w/ SK-FSL		SK-NIC		SK-NIC w/ SK-FSL	
Wire		Single-mode Fiber		Wire		Single-mode Fiber	

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-1000HV/RPS-1000B

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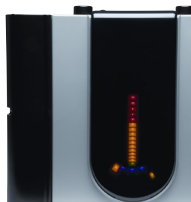- 2 programmable relays
- Conventional input

5496

- 4 programmable output circuits

Detectors

IDP Devices

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

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 coloured lenses, bezel kits for alternate marking, surface mount back boxes and trim rings.

Proven Applications

Education: Schools and Universities

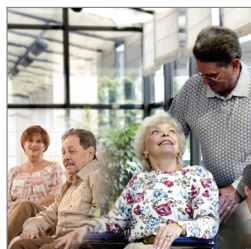**Fire Alarm Systems That Work for Your Schools**

- 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.

Honeywell