

# Scalable Analog/Addressable Fire Alarm Control System

## IFP-2100 /RFP-2100

The IFP-2100 (red) and IFP-2100B (black) are intelligent analog/addressable Fire Alarm Control Panels (FACP). The basic IFP-2100 panel contains one built in signaling line circuit (SLC), which can support 159 IDP/SK sensors and 159 IDP/SK modules or 127 SD devices per loop. Additional SLC loops can be added using the model 6815 SLC expander for System Sensor devices to increase the overall point capacity to 2100 or model 5815XL for Hochiki devices to increase the overall point capacity to a maximum to 2032 points per panel.

IFP-2100 has the interconnection capability for up to 32 panels. The system has two modes of operation, multiple panels covering one larger building, or multiple independent buildings. The RFP-2100 (red) or RFP-2100B (black) can be used in a networked system where at least one IFP-2100 is in the system. It is the same as the IFP-2100 without the display.

IFP-2100 has eight on-board Flexput™ circuits that can be configured for auxiliary power, notification outputs, or for conventional smoke detector inputs (Class A or Class B). The FACP also has a Built in dual phone line digital alarm communicator/transmitter (DACT), IP or optional cellular technologies, Form C trouble relay, and two programmable Form C relays. IFP-2100 has powerful features such as detector sensitivity, day/night thresholds, drift compensation, pre-trouble maintenance alert, and calibration trouble alert.

The IFP-2100 supports a variety of devices, including RA-2000, RA-1000 or RA-100 remote annunciator, 5824 serial/parallel printer interface module (for printing system reports), RPS-1000 power module, and IDP, SK or SD devices.



**IFP-2100B**

## FEATURES & BENEFITS

- RFP-2100 or RFP-2100B can be used in a networked system where at least one IFP-2100 is in the system
- Network support for up to 32 Sites
- Built-in support for up to 159 IDP/SK detectors and 159 IDP/SK modules or 127 SD SLC devices
- Four line LCD display with 40 characters per line
- Available in a red or black cabinet
- IFP-2100 or RFP-2100 can be surface or flush mounted
- Four programmable function keys
- Network card allows copper network connection with a multi-mode or single-mode fiber connection option
- Built-in dual phone line, digital alarm communicator/transmitter (DACT), IP or optional cellular technologies
- JumpStart AutoProgramming® feature for easy programming
- Renewable license on downloading software helps inhibit unauthorized programming
- Firmware can be upgraded in the field
- Supports up to four SWIFT wireless gateways. Each gateway can have up to 49 wireless devices
- Supports Class B (Style 4) and Class A (Style 6 or Style 7 configuration for SLC, and SBUS.
- Built in USB interface for programming

# IFP-2100 / RFP-2100 Technical Specifications

## SPECIFICATIONS

### Physical:

**Overall Dimensions:** 26.4" H x 16.4" W x 4.11" D

**Weight:** 45 lbs.

**Color:** Red or Black

**Environmental Operating Temperature:** 32°F to 120°F (0°C to 49°C)

**Humidity:** 0 to 93% relative humidity (non-condensing)

### ELECTRICAL:

**IFP-2100 Primary AC:** 120 VAC @ 50/60 Hz, 5.0A  
Total Accessory Load: 9A @ 24 VDC power-limited

**Standby Current:** 230 mA

**Alarm Current:** 415 mA

**Battery Charging Capacity:** 17 to 55 AH

**Battery Size:** 18 AH max. allowed in control panel cabinet. Larger capacity batteries can be housed in RBB accessory cabinet.

**Six Conductor Wiring:** Two voice bus & four SBUS

### FLEXPUT CIRCUITS

Eight circuits that can be programmed individually as:

**Notification Circuits:** 3A per circuit @ 24 VDC, power limited

**Auxiliary Power Circuits:** 3A per circuit @ 24 VDC, power limited.

**Initiation Circuit:** 100 mA per circuit @ 24 VDC, power-limited

### APPROVALS

**NFPA 13, NFPA 15, NFPA 16, NFPA 70, & NFPA 72:** Central Station; Remote Signalling; Local Protective Signalling Systems; Auxiliary Protected Premises Unit; & Water Deluge Releasing Service

**Other Approvals:**

UL Listing; CSFM (pending); COA (pending); OSHPD (CA) (pending), FM (pending)

### APPROVED RELEASING SOLENOIDS

Asco T8210A107 24 VDC 3 A max 0 Hz

Asco 8210G207 24 VDC 3 A max 0 Hz

### COMPATIBLE DEVICES

See the data sheets listed below for a complete listing of the IDP, SK, SWIFT or SD devices.

350361 - IDP Device Protocol data sheet

53623 - SK Device Protocol data sheet

350360 - SD Device Protocol data sheet

350615 & 350617 - SWIFT devices data sheet

### For more information

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

### Honeywell

12 Clintonville Road  
Northford, CT 06472  
800-328-0103  
[www.farenhyt.com](http://www.farenhyt.com)

## ORDERING INFORMATION

**IFP-2100 - Intelligent Fire Alarm Control Panel. Red**

**IFP-2100B - Intelligent Fire Alarm Control Panel. Black**

**RFP-2100 - Remote Fire Alarm Panel without built in display. Red**

**RFP-2100B - Remote Fire Alarm Panel without built in display. Black**

## SBUS ACCESSORIES

**RA-2000, RA-1000, RA-1000R, RA-100, RA-2000GRAY - Remote annunciator. Four Line LCD with 40 characters per line**

**6815 - Signal Line Circuit (SLC) Expander for IDP/SK devices**

**5815XL - Signal Line Circuit (SLC) Expander for SD devices**

**RPS-1000 - Power Supply**

**5496 - NAC Expander**

**5824 - Serial/Parallel Module**

**5880 - LED I/O Module**

**5865-3/-4 - LED Annunciator**

**5883 - Relay Interface**

## MISCELLANEOUS ACCESSORIES

**SKSS-3 - Software Suite. Provides programming, upload/download and event reporting**

**RBB - Remote Battery Box Cabinet. Use for backup batteries up to 35 AH. Dim: 16" W x 10" H x 6" D**

**SK-SCK - Seismic Compliance Kit**

**SK-NIC - Network Interface Card**

**SK-FML - Multi Mode Fiber Card**

**SK-FSL - Single Mode Fiber Card**

**CELL-MOD - Cellular Communicator in Plastic Enclosure**

**CELL-CAB-SK - Cellular Communicator in Metal Enclosure with lock and key**

For a complete listing of all compliance approvals and certifications, please visit [www.farenhyt.com](http://www.farenhyt.com).

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For Technical Support, Please call 800-446-6444.