

IFP-75 / IFP-75B

Intelligent Fire Alarm Control Panel

The IFP-75 (red) and IFP-75B (black) are intelligent addressable fire alarm control panels (FACP). IFP-75 has a single line circuit (SLC) loop for connecting addressable detectors, which can support 75 System Sensor® IDP/SK sensors and 75 IDP/SK modules or 75 Hochiki® SD devices per loop. For IDP or SK devices the overall point capacity to a maximum of 150 points per panel, or for SD devices the overall point capacity to a maximum of 75 points per panel.

IFP-75 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. To network panels together use the SK-NIC network interface card. Copper wire or fiber optic cable panel connectivity can be used within the same networked system.

IFP-75 has a built-in dual-line digital and IP communicator with an optional cellular communication module, Form C trouble relay, and two programmable Form C relays. IFP-75 has powerful features such as detector sensitivity, day/night thresholds, drift compensation, pre-trouble maintenance alert, and calibration trouble alert.

The IFP-75 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, SWIFT wireless or SD devices..



IFP-75B

FEATURES & BENEFITS

- Network support for up to 32 Sites
- Built-in support for up to 75 IDP/SK detectors and 75 IDP/SK modules or 75 SD SLC devices
- Four line LCD display with 40 characters per line
- Available in a red or black cabinet
- IFP-75 can be surface or flush mounted
- Built-in USB interface for convenient and quick programming
- Programmable date setting for Daylight Saving Time
- JumpStart AutoProgramming® feature for easy programming
- Built-in dual phone line, digital alarm communicator/transmitter (DACT), IP or optional cellular technologies
- Network card allows copper network connection with a multi-mode or single-mode fiber connection option
- Convenient field-upgradeable firmware
- 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 synchronization for appliances from AMSECO, Gentex®, System Sensor®, and Wheelock
- Reports events to central station by point or by zone

IFP-75 Technical Specifications

PHYSICAL

Overall Dimensions: 15.12"H x 12.71"W x 3.33"D

Shipping Weight: 15 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-75 Primary AC: 120 VAC @ 60 Hz, 1.5A Total
Total Accessory Load: 2.5A @ 27.4VDC power-limited

Standby Current: 165mA

Alarm Current: 310mA

Battery Charging Capacity: 7 to 35AH

Battery Size: 7AH max. allowed in control panel cabinet. Larger capacity batteries can be housed in RBB accessory cabinet.

AGENCY LISTINGS AND 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

- **UL Listed**
- **CSFM:** 7165-0559:0503
- **FDNY COA#** 6248
- **Seismic (CA)** (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

ORDERING INFORMATION

IFP-75: Intelligent Fire Alarm Control Panel. Red Cabinet.

IFP-75B: Intelligent Fire Alarm Control Panel Black Cabinet.

SBUS ACCESSORIES

RA-2000, RA-1000, RA-1000R, RA-100,

RA-2000GRAY: Remote annunciators

6815: Signal Line Circuit (SLC) Expander for IDP or 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 or 5865-4: LED Annunciator

5883: Relay Interface

MISCELLANEOUS ACCESSORIES

HFSS: Software Suite. Provides programming, upload/download and event reporting

RBB: Remote Battery Box Cabinet. Use for backup batteries up to 35 AH. Dimensions: 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.

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For Technical Support, call 800-446-6444.

For more information

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Honeywell Farenhyt

12 Clintonville Road
Northford, CT 06472
800-328-0103