Farenhyt

Voice Integration Panel with Analog / Addressable Fire Alarm Control

IFP-100VIP

The IFP-100VIP is an intelligent analog/addressable fire alarm control panel (VIP) combined with an integrated single channel voice evacuation system. The basic IFP-100VIP system has one signal line circuit (SLC) loop that supports Hochiki protocol or Intelligent Device Protocol (IDP) detectors and modules.

The VIP has four notification appliance circuits that can be programmed for notification outputs or auxiliary power. The FACP also has a built-in, dual-line digital fire communicator, Form C trouble relay, and two programmable Form C relays. The firmware has powerful features such as detector sensitivity, day/night thresholds, drift compensation, pre-trouble maintenance alert, and calibration trouble alert.

The VIP supports a variety of devices, including RA-100 remote annunciator, 5824 serial/parallel printer interface module (for printing system reports), 5496 intelligent power module, and Hochiki or Intelligent Device Protocol (IDP) devices.

The VIP places all of the critical user interface controls at the main panel. This seamless combination of fire detection and voice evacuation technology simplifies operation and programming of the entire system. The IFP-100VIP system is scalable from 50 to 400 watts using a distributed amplification scheme to provide the power to the appropriate areas for evacuation coverage.

Features

- Built-in support for up to 127 Hochiki devices or 99 IDP detectors and 99 IDP modules
- All the features of the IFP-100 Fire Alarm Control Panel combined with a fully integrated voice evacuation system
- Built-in Digital Message Repeater using DSP technology
- Three field programmable user messages
- Upload/download voice messages using a PC and the 7780 voice messaging application
- Program voice messages via serial interface or built-in microphone
- Support for up to eight VIP-50s (50 watt SBUS addressable amplifiers) for a maximum of 400 watts per system
- Single enclosure for both fire and voice system control components
- On-board supervised microphone
- System can support two supervised remote microphones (VIP-RMs)
- Up to 64 mappable speaker circuits using a combination of VIP-50s and VIP-CE4s
- Supports 25 Vrms or 70.7 Vrms speaker circuits
- Built-in RS-232 and USB interface for programming
- Upload or download programming, event history, or detector status onsite or from a remote location using a PC and 5650/5651 Silent Knight Software Suite (SKSS)
- Improvements in SKSS delivers five times faster upload/downloads

Agency Listings

MEA
429-92-E Vol. XV

IFP-100VIP

- All call and Non-Alarm buttons to quickly select all active or all the non-active output groups
- 125 software zones and 250 output groups
- Jumpstart® auto-programming
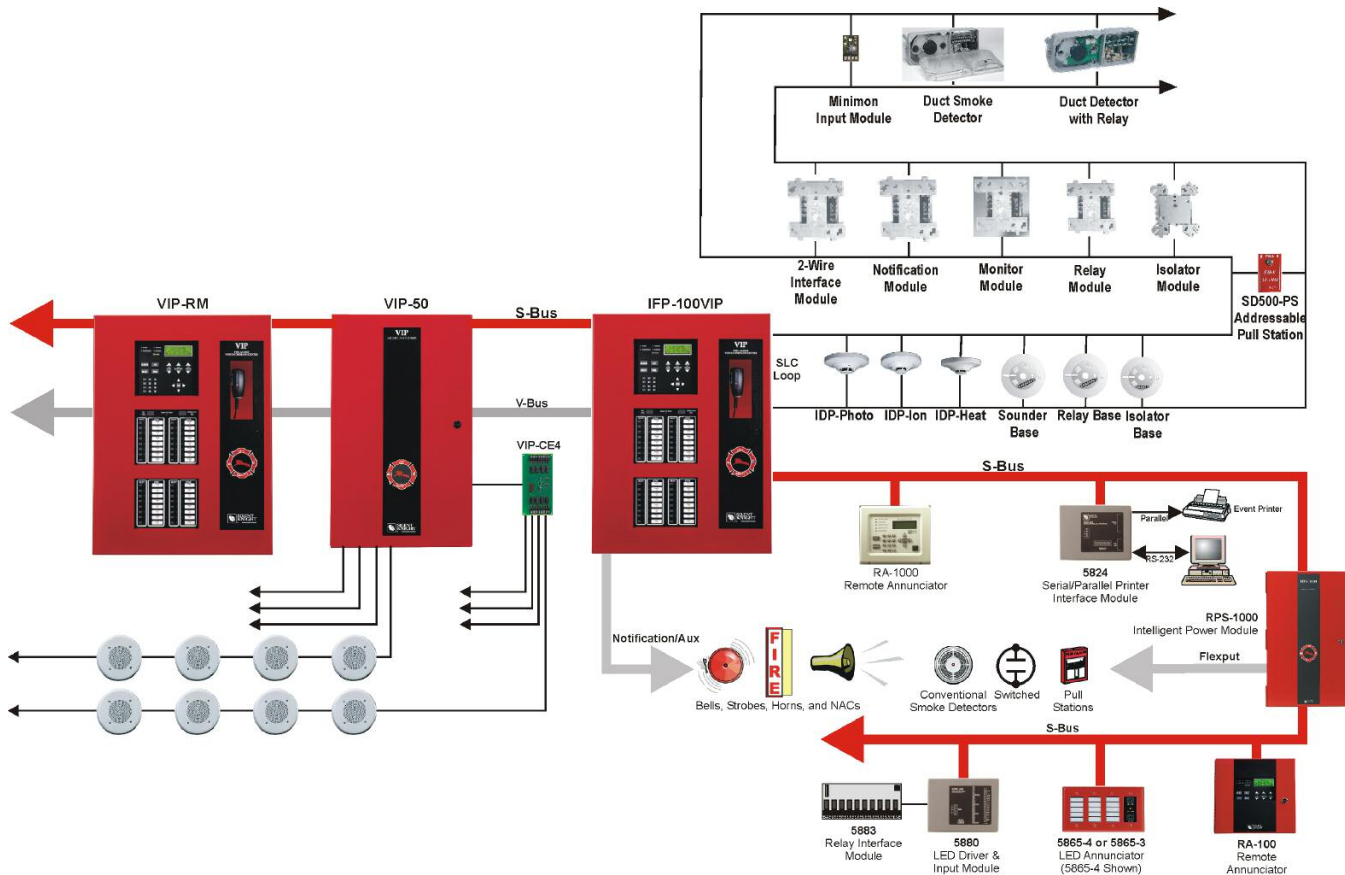- Programmable date setting for Daylight Saving Time

Installation
The IFP-1000VIP can be surface or flush mounted.

Compatibility
The IFP-1000VIP is compatible with the following voice evacuation components:
- VIP-50 50 watt amplifier
- VIP-RM remote microphone
- VIP-SW16 16 switch expander
- VIP-VCM voice control module

IFP-100VIP System Using IDP Protocol Devices on the SLC Loop

Specifications

Physical

Flush Mount Dimensions: 14.5"W x 24.75"H x 3.4"D
(36.8 W x 62.9 H x 8.7 D cm)

Overall Dimensions: 16"W x 26.25"H x 4.1"D
(40.6 W x 66.7 H x 10.5 D cm)

Color: Red

Environmental

Operating Temperature: 32ºF – 120ºF (0ºC – 49ºC)

Humidity: 10% – 93% non-condensing

Electrical

Primary AC: 120 VAC @ 60 Hz, 2.5A or
240 VAC @ 50 Hz, 1.5A max.

Standby Current: 375 mA

Alarm Current: 700 mA

Total Power: 125 W @ 25 VRMS

• Circuit 1: 100 W max.

• Circuit 2-8: 50 W max.

Main VIP Panel SBUS Standby & Alarm: 10 mA

Battery Charging Capacity: 7 – 35 AH

Battery Size: 18 AH max allowed in cabinet. Use RBB accessory cabinet for larger batteries up to 35 AH per system.

Voice Integration Wiring: Six conductor
Two voice bus
Four SBUS

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.

Ordering Information

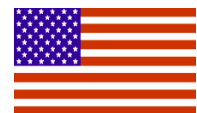|	
VIP-125	Intelligent 125 Watt Amplifier
VIP-125HV	Intelligent 240 Watt Amplifier

Accessories

VIP-CE4	16 Switch Expander.
RBB	Remote Battery Box Accessory Cabinet. Use for backup batteries up to 35 AH.

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SILENT KNIGHT
by Honeywell

Made in the U.S.A.