# Potter IPA-4000 — Product Data Sheet

## Product Overview

The Potter IPA-4000 is an expandable analog/addressable releasing fire alarm system with a total capacity of 4,064 addresses. It uses Potter's addressable protocol and can be expanded with up to 31 additional SLCs, each supporting up to 127 devices. The system includes releasing capabilities for fire suppression applications.

## Key Features

• 4,064 address capacity.

• Up to 31 additional addressable SLCs, with up to 127 devices per SLC.

• 10 Amp power supply.

• Six regulated NACs rated at 3 Amps each.

• Four I/O circuits rated at 1 Amp each.

• 1,500 software zones.

• Built-in NFPA 72 smoke sensitivity testing.

• Class A or Class B operation for SLC, P-Link and NACs.

• Dedicated alarm, supervisory and trouble relays.

• 4,000 event history buffer.

• Built-in Ethernet connection and IP communicator.

• Email system status, reports and event information.

• Supports releasing applications and multiple hazards.

• 5-year product warranty.

• UUKL Listed for Smoke Control.

## Technical Specifications

• Dimensions: 18 15/16 in W × 27 5/16 in H × 4 7/16 in D.

• AC mains: 5.0 A @ 120 VAC, 50/60 Hz; 3.0 A @ 240 VAC, 50/60 Hz.

• Enclosure: 16-gauge cold rolled steel with removable locked door and Lexan viewing window.

• Standby current: 130 mA.

• Alarm current: 220 mA.

• Power: 10 A for NACs, I/O and P-Link.

• NAC output: 3 A per NAC, regulated.

• I/O output: 1 A per I/O circuit, regulated.

• Battery charger range: 8–55 Ah.

• Battery charger voltage: 27.3 VDC.

• P-Link maximum current: 1 A.

• Operating temperature: 32° to 120°F (0° to 49°C).

• Maximum humidity: 93% non-condensing.

• Standards include NFPA 12, 12A, 13, 15, 16, 17, 17A, 70, 72, 92, 750 and 2001, ANSI/UL 864 and IBC.

## Applications

• Analog/addressable fire alarm systems.

• Releasing fire suppression systems.

• Large facilities requiring expandable SLC capacity.

• Monitoring and notification with network/IP connectivity.