

FSP-951AUS FSP-951TAUS Series

Photoelectric Smoke Detector

Intelligent/Addressable Devices



FSP-951AUS, FSP-951TAUS,
B501AUS-W

General

NOTIFIER FSP-951AUS Series intelligent plug-in smoke detectors are designed for both performance and aesthetics, and are direct replacements for the FSP-851AUS Series. A new modern, sleek, contemporary design and enhanced optical sensing chamber is engineered to sense smoke produced by a wide range of combustion sources in accordance with more stringent code standards.

The FSP-951AUS Series detector sensitivity can be programmed in the control panel software. Sensitivity is continuously monitored and reported to the panel. Point ID capability allows each detector's address to be set with rotary, decimal address switches, providing exact detector location for selective maintenance when chamber contamination reaches an unacceptable level. Dual electronic thermistors add 57 °C fixed temperature thermal sensing on the FSP-951TAUS.

Features

SLC LOOP:

- Two-wire SLC loop connection
- Unit uses base for wiring
- FlashScan[®] protocol support on all models; FlashScan[®] and CLIP protocol support on Ivory(-IV) and Black (-BL) models
- Stable communication technique with noise immunity

ADDRESSING:

- Addressable by device
- Rotary, decimal addressing (Refer to NOTIFIER panel manuals for device capacity.)

ARCHITECTURE:

- Sleek, low-profile, stylish design
- Unique single-source design to respond quickly and dependably to a broad range of fires
- Integral communications and built-in device-type identification
- Built-in tamper resistant feature
- Remote test feature from the panel
- Walk test with address display (an address on 121 will blink the detector LED: 12-[pause]-1(FlashScan systems only)

- Built-in functional test switch activated by external magnet
- Removable cover and insect-resistant screen for simple field cleaning
- Expanded color options

OPERATION:

- Designed to meet Australian AS 7240.7 (Smoke Detectors) and AS 7240.5 (Heat Detectors) standard
- Optional isolator and relay base
- LED “blinks” when the unit is polled (communicating with the fire panel) and latches in alarm.
- Low standby current

MECHANICALS:

- Sealed against back pressure
- SEMS screws for wiring of the separate base
- Designed for direct-surface or electrical-box mounting
- Plugs into separate base for ease of installation and maintenance
- Separate base allows interchange of photoelectric, ionization and thermal sensors

Specifications

Physical/ Operating Specifications

Dimension	Size: 5.3cm high, 10.4 cm diameter when installed on B501AUS
Shipping Weight	95g
Operating Temperature Range	FSP-951AUS 0°C to 50°C FSP-951TAUS 0°C to 50°C
Operating Humidity Range:	10% - 93% non-condensing
Relative humidity	10% - 93% non-condensing
Thermal ratings	fixed-temperature set point 57°C
Suitable for Installation in ducts	

Electrical Specifications

Operating Voltage Range	15 - 32 VDC
Standby / Operating Current (max. average)	200µA @ 24VDC (one communication every 5 seconds with LED enabled)
Maximum Current	4.5 mA @ 24VDC (“ON”)

Ordering Information

Detectors

FSP-951AUS	Intelligent Photoelectric Smoke Sensor, FlashScan® - White
FSP-951TAUS	Intelligent Photoelectric & Thermal Sensor - Flashscan® - White
FSP-951AUS-IV	Intelligent Photoelectric Smoke Sensor, Flashscan® & CLIP - Ivory
FSP-951AUS-BL	Intelligent Photoelectric Smoke Sensor, Flashscan® & CLIP - Black
FSP-951TAUS-IV	Intelligent Photoelectric Smoke Sensor, Flashscan® & CLIP - Ivory
FSP-951TAUS-BL	Intelligent Photoelectric Smoke Sensor, Flashscan® & CLIP - Black



Bases

B501BI-W	White, 4" Isolator Base
B501BI-BL	Black, 4" Isolator Base
B501BI-IV	Ivory, 4" Isolator Base
B501AUS-IV	Universal addressable detector base- Ivory
B501AUS-W	Universal addressable detector base- White
B501AUS-BK	Universal addressable detector base- Black

Agency Listings and Approvals

These listings and approvals apply to the devices specified in this document. In some cases, certain devices or applications may not be listed by certain approval agencies, or listing may be in process. Consult NOTIFIER for the latest listing status.

- FSP-951AUS - AS 7240.7
- FSP-951TAUS - AS 7240.7 & AS 7240.5 (A2S)
- SAI GLOBAL Certificate SMK40640-2 and SMK25312
- New Zealand Fire Equipment Register Listing # NI/333, NI/334

This document is not intended for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice.

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Country of Origin: Mexico & China

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