

DETECTOR SENSITIVITY

Sensitivity Level	Alarm Obscuration % per metre	Pre-Alarm Obscuration % per metre
1	0.5 - 1.64	Auto
2	2.40	0.98
3	3.15	1.54
4	3.90	2.10
5	4.69	2.66
6	5.45	3.25
7	6.30	3.81
8	6.96	4.36
9	7.71	4.92



PRODUCT DESCRIPTION

The SSF-P-851 is a FlashScan analog addressable photo optical detector for use with 2800 & 3030 Series Fire Alarm panels.

FlashScan supports 159 detectors per loop. Detectors will also run on 2800 & 3030's in CLIP mode or older Notifier panels together with CLIP devices with maximum address restricted to 99.

Detector sensitivity can be programmed in the control panel software. Sensitivity is continuously monitored and reported to the panel. Address setting on detectors is via two convenient dials on the base of the detector.

Detectors use an easily removable cover (for cleaning purposes).

Detectors include a reed switch which can be activated with a test magnet for ease of testing.

**This detector is also available in black. There is also a black kit available to place over existing white detectors.*

TECHNICAL SPECIFICATIONS

Detectors Per Loop (total)	159
Operating Voltage Range	15 to 32Vdc
Standby Current	360µA @ 24Vdc (one communication every 5 seconds with green LED blink on)
Maximum Alarm Current (LED on)	6.5mA @ 24Vdc
Operating Humidity Range	5% to 96% relative humidity, non-condensing
Operating Temp Range	-10° to 55°C
Air Velocity	0-1219m/min
Size	53mm H x 104mm diameter installed in SSF-BASE SSF-BASE - 18.8mm H
Weight	147g

ORDERING INFORMATION

SSF-P-851-IV	FlashScan addressable ivory photo optical smoke detector (FSP-851AUS-IV)
SSF-P-851-BK	FlashScan addressable black photo optical smoke detector (FSP-851AUS)
SSF-BASE-IV	Ivory base to suit addressable detector range (B501AUS-IV)
SSF-BASE-W	White base to suit addressable detector range (B501AUS-W)
SSF-BASE-BK	Black base to suit addressable detector range (B501AUS)
SSF-ISOBASE-IV	Ivory Isolator base to suit addressable detector range (B524IEFT-1)
SSF-ISOBASE-W	White Isolator base to suit addressable detector range (B524IEFT-1W)

APPROVALS

- ✓ SSL Approved
- ✓ ActivFire certified - Listing No. afp-1634 (Notifier Model FSP-851AUS)
- ✓ ActivFire certified - Listing No. afp-3358 - AS 7240.7:2018