



Series 200 Smoke Sensors

Analogue Addressable Low Profile Plug-in Smoke Sensors

• Melbourne

Unit B2
2A Westall Rd
Springvale
VIC 3171
Tel (03) 9562 7577
Fax (03) 9562 8044
sales.vic@pertronic.com.au

• Sydney

Unit 19
287 Victoria Rd
Rydalmere
NSW 2116
Tel (02) 9638 7655
Fax (02) 9638 7688
sales.nsw@pertronic.com.au

• Brisbane

Unit 3
23 Anthony St
West End
QLD 4101
Tel (07) 3255 2222
Fax (07) 3255 1122
sales.qld@pertronic.com.au

• Adelaide

65 Manton St
Hindmarsh
SA 5007
Tel (08) 8340 9533
Fax (08) 8340 9544
sales.sa@pertronic.com.au

www.pertronic.com.au

200 Series intelligent plug-in smoke sensors with integral communication provide features that far surpass those of conventional detectors. Manufactured by System Sensor, reliability is assured, along with a three year warranty from date of manufacture.

Individual sensor alarm thresholds are programmable within the control panel software. The smoke level in the sensor chamber is continuously monitored and reported to the panel. With the 200 Series addressable capability, each sensor's address is easily set with decade address switches, giving the precise location of each sensor in the event of a fire or for selective maintenance when chamber contamination reaches an unacceptable level.

Features:

- Sleek, low-profile design
- Same housing for both photo-electric and ionisation units
- Analogue addressable communications
- Stable communication technique with noise immunity
- Variable sensitivity to smoke
- Low standby current
- Rotary decade address switches, 000 to 159
- 159 sensors per loop (panel dependant)
- Dual red LEDs for 360° visibility
- Optional remote LED accessory



1251BPI and 2251BPI Detectors

Specifications:

Size:	50.8mm(h) x 104mm (w) in B501 base
Shipping weight:	Ionisation – 154gm
	Photo-electric – 147gm
Operating temperature range:	0°C to 49°C
Air Velocity range:	Ionisation – 6m/s
	Photo-electric – 20m/s
Relative humidity:	10% to 93% non-condensing
Voltage range:	15 to 32VDC
Standby current @ 24VDC:	Ionisation – 300µA (nominal)
	Photo-electric – 190µA (nominal)
LED current @ 24VDC:	6.5mA



B501 base



B524IEFT-1 Isolator base

Ordering Information:

Description	Part Number	Listing No.
Analogue addressable Ionisation sensor	1251BPI	afp2115
Analogue addressable Photo-electric sensor	2251BPI	afp2113
Analogue sensor base	B501	
Analogue sensor base with integral short circuit isolator	B524IEFT-1	

PERTRONIC INDUSTRIES PTY LTD

Melbourne

Unit B2
2A Westall Rd
Springvale VIC 3171
Telephone: (03) 9562 7577
Fax: (03) 9562 8044
sales.vic@pertronic.com.au

Sydney

Unit 19
287 Victoria Rd
Rydalmere NSW 2116
Telephone: (02) 9638 7655
Fax: (02) 9638 7688
sales.nsw@pertronic.com.au

Brisbane

Unit 3
23 Anthony Street
West End Qld 4101
Telephone: (07) 3255 2222
Fax: (07) 3255 1122
sales.qld@pertronic.com.au

Adelaide

Unit 3
65 Manton Street
Hindmarsh 5007
Telephone: (08) 8340 9533
Fax: (08) 8340 9544
sales.sa@pertronic.com.au