

Multi-Sensor Smoke and Heat Alarm

Features Overview

QUICK REFERENCE CODE

SP520

PRODUCT CODE

FA4452BW

- UltraSense™ Sensor - Dual sensor technology provides fast, accurate detection and reduces nuisance alarms.
- Thermoptek™ sensing - combines the latest optical sensing with thermal enhancement for rapid detection to all fires.
- Thermistek™ enhanced sensing - High performance thermistor and predictive monitoring ensure a quicker response to fires.
- Bluetooth (BLE) on board, no need for additional modules. Low power consumption, data encryption and high reliability.
- Extract and share product status and data reporting via the Angel Pro app.
- Class A1 heat detection with hidden heat cap.
- Bug mesh and automatic dust compensation ensures accurate response across the entire product lifespan.
- Sleep Easy™ - allows a low battery chirp to be silenced for 8 hours, this function can be used up to 10 times.
- Night Sensing - senses ambient light and reduces the brightness of the green power LED to prevent sleep disturbance.
- 10 year rechargeable back-up lithium battery with low battery and end of life warnings.



Technical Specification



2531
EN 14604:2005+AC:2008
Smoke alarm devices
FSTDOP26001



Dimensions	W148 X D45mm	
Supply voltage	AC 230V / 50Hz	
Battery	Mains powered with 10 year rechargeable lithium battery back-up - Panasonic	
Sensor technology	Optical, UltraSense™, Thermoptek™ & Thermistek™ technology (Class A1 detection)	
Alarm sound level	>85 dB at 3m	
Installation positions	Ceiling / Wall	
Operating temperature	-10°C (14°F) to +40°C (104°F)	
Operating humidity	10% - 95% RH (non condensing)	
Storage temperature	-20°C (-4°F) to +55°C (131°F)	
Storage humidity	10% to 95% RH (non condensing)	
Warranty	10 Years	
Certified to	EN 14604:2005 + AC:2008. BS 5446-2:2003. SGS PT/25/GEN/0730	
Weight	326g	
Plastic material	PC/ABS	
Maximum number of connected devices	50 Devices (wired and wireless)	
Wireless range	≤35m (>120m in clear air)	
Wireless protocol/freq	BLE 2.4GHz	



SP500
Smoke



SP510
Heat



SP530
Heat & CO



SP540
Smoke, Heat & CO

