

| SMOKE ALARM WITH RF INTERLINK.

| LITHIUM BATTERY OPERATED  
PHOTOELECTRIC SMOKE ALARM.



**LIFESAVER**

MODEL LIF10YPEW

# SMOKE ALARM



The PSA LIFESAVER LIF10YPEW is a lithium battery operated smoke alarm with wireless RF interlink connectivity.

The LIF10YPEW uses photoelectric sensing technology. Photoelectric sensing alarms may detect visible particles (associated with smoldering fires) sooner than ionisation alarms.

The LIFESAVER LIF10YPEW smoke alarm is battery operated with a non-replaceable sealed lithium battery. The battery will power the smoke alarm for 10 years.

This smoke alarm is capable of wirelessly interlinking with other PSA LIFESAVER LIF10YPEW alarms and to PSA LIFESAVER Series 2 mains power smoke alarm fitted with the wireless baseplate LIFWMB2. When one RF interlink unit sounds an alarm, all other compatible RF units in the RF interlink network will alarm.

## FEATURES:

- Lithium (non-replaceable sealed in) battery operated smoke alarm with built-in RF interlink module.
- Photoelectric Sensing Technology
- Designed with two bug screens. One around the perimeter and another smaller mesh around the sensor chamber.
- Single button operation (Test and Hush feature)
- Surface mounting bracket for easy installation.
- Stand alone operation or wirelessly interconnect up to 24 units
- Tamper resistant feature
- Designed with two lithium 10 year batteries.
  - \* A dedicated battery for the smoke alarm.
  - \* A dedicated battery for RF wireless module.
- Fully monitored and supervised wireless network.
- Compatible with PSA LIFESAVER LIF5800/2 and LIF5800RL/2 mains powered smoke alarms fitted with LIFWMB2 wireless baseplate.
- Range 30m indoors. 100m line of sight.



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# LIFESAVER LIF10YPEW SMOKE ALARM



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**STANDBY CONDITION:** The smoke alarm is fitted with a red LED. Once the unit is configured the red LED will not flash in standby condition.

**ALARM CONDITION:** When the alarm senses particles of combustion and goes into alarm the red LED will flash. The flashing LED and pulsating alarm (ISO 8201) will continue until the air is cleared. When units are interconnected, only the red LED of the alarm that senses the smoke will flash. All other units in the interconnected system will sound an alarm but their red LED will NOT flash.

**HUSH MODE:** The red LED will flash every 10 seconds, indicating the smoke alarm is in the Hush Mode. Alarm hush feature will silence the smoke alarm for approximately 10 minutes. Heavy presence of smoke will over-ride the hush mode.

**TEST MODE:** Pressing and holding the TEST button will test the smoke alarm electronics and sounder. When interconnected all other smoke alarms will sound.

**LOW BATTERY CONDITION:** The smoke alarm will beep every 60 seconds and the red LED will flash every 30 seconds when a low battery voltage is detected. Pressing the HUSH button during a low battery warning will silence the low battery beeping for up to 24 hours. This is called LOW BATTERY HUSH.

**END OF LIFE CONDITION:** At the end of 10 years, the red LED will flash twice and the unit will beep twice every 30 seconds.

**LOCATE FUNCTION:** In alarm condition, initiating smoke alarm can be identified using the locate function. Pressing the HUSH button on any non-initiating smoke alarm will hush all the smoke alarms except the initiating unit.

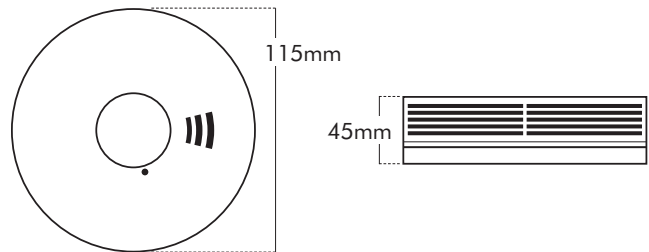
**SUPERVISED WIRELESS NETWORK:** The RF interlink network is continually monitored and supervised to ensure each wireless device is functioning.

**CHAMBER MONITORING:** The smoke alarm continuously monitors the condition of its smoke detection chamber. LED will flash 5 times when the smoke alarm requires cleaning.

## INSTALLATION OF THE SMOKE ALARM

The LIFESAVER LIF10YPEW smoke alarm is easy to install. The unit fits on a mounting base with multiple fixing holes. The smoke alarm is activated once it is connected into the mounting base. The alarm is equipped with tamper resistant feature to prevent smoke alarm from removal.

The LIFESAVER LIF10YPEW do not need a home WIFI system to operate. Multiple wireless units create their own independent RF network. The smoke alarm is capable of wirelessly interlinking with other LIFESAVER LIF10YPEW smoke alarms and LIFESAVER 5800 series mains powered smoke alarm fitted with LIFWMB2 wireless baseplate. When one RF interlink unit sounds an alarm, all other compatible RF units in the same network will alarm. For best performance, a LIF10YPEW will be the coordinator unit, and this unit should be installed in the most central location of the interlink network.



Tested & complies to  
Australian Standards  
AS3786:2014

See Product Information  
and Videos

## SPECIFICATIONS

Model	LIF10YPEW
Detection Method	Photoelectric / Photo-optical sensing technology
Operation	Stand-alone or interconnect up to 24 units
Smoke Alarm Power	Panasonic/FDK 10 year 3VDC CR17335 fixed battery
RF Power	Panasonic/FDK 10 year 3VDC CR17455 fixed battery
Alarm sound	85dB at 3m ISO8201 T3 sound pattern
Hush Function	10 minutes. Red LED flash every 10 seconds.
RF Frequency	918MHz
Wireless RF Module Power	100m line of sight 30m indoors
Temperature Range	0°C to 45°C
Humidity Range	Up to 95% relative humidity (RH)

Bug Screens	Outer metal screen 1.8mm diameter Inner sensor chamber screen 1mm diameter.
Warranty	10 years - manufacturer's warranty
Compliance	Activfire Approved and listed to AS3786:2014 Amdt 1. AS4268:2017 RCM. Manufactured to ISO9001 Standard

## ACCESSORIES

LIFWMB2	Wireless interconnect baseplate Gen 2.
LIF5800/2	Smoke Alarm 240VAC with 9V battery backup. Photoelectric.
LIF5800RL/2	Smoke Alarm 240VAC with lithium battery backup. Photoelectric.

\*Refer to Installation and User Manual for further information and programming.  
Due to PSA commitment to continual product improvement, specification may change without notice.

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