

# DATASHEET

## 755LPSMA4

Photoelectric Surface Mount Smoke Alarm, 10yr Lithium Battery Powered, Wireless Interconnect

### Application

The Photoelectric surface mount battery powered alarm incorporates a sealed-in lithium battery with a 10 yr life time, so no need to replace batteries. The new stylish low profile design blends into any décor and is easy to use with large test/hush button. The robust digital electronic design offers superior performance and resilience.

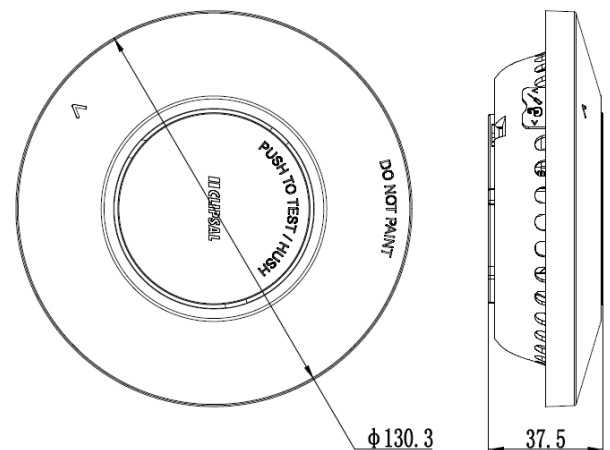
With built-in wireless interconnection, the product offers superior flexibility connecting to other 755LPSMA4 units and Clipsal 755 series mains powered smoke alarms. Providing simple and cost effective upgrades for an existing install, or add additional alarms for increased protection or utilise this alarm to upgrade installs to meet the new QLD regulations for interconnected alarms throughout the home.



### Functions/Features

- Photoelectric technology for faster response to the most common fire type (smouldering fires)
- Sealed-in lithium battery with 10 year life
- Low profile modern design blends into any decor
- Built-in wireless interconnection, compatible with 755RFB2 surface smoke alarm mounting bases.
- Quality sensing chamber with stainless steel insect screen (with 0.6mm mesh) for dust and insect ingress protection.
- Large easy to use test/hush button
- Easy to install tamperproof mounting plate
- Certified to AS3786:2014 (ActiveFire and SAI Global 5 Ticks certification for quality assurance)
- 5 year warranty

### Dimensions



## Specifications

Power source	DC 3V sealed-in Lithium battery
Sensing type	Photoelectric
Operating current	<70mA @ 3V
Standby power	<0.04mW
Battery life	10 years
Insect screen	0.6mm diameter hex stainless steel mesh around sensing chamber
Operating temperature	0°C to 45°C
Ambient humidity	0% to 95% RH
Interconnection	Wireless interconnection up to 40x 755LPSMA4 units Wireless interconnection up to 40x 755RFB2 bases
Wireless frequency	433.42MHz (Coded)
Wireless range	To other 755LPSMA4 units - 140m free air, 50m indoor line of sight To 755RFB2 units – 100m free air, 30m indoor line of sight
Tamper proof base	Mounting plate is locked when smoke alarm fitted, only released with flat blade screw driver.
Test/hush function	Large test/hush button, hush for 10 minutes
Low battery alert	Beeps once every 40 seconds if battery is low Beeps once in 3 hrs if low battery is on an interconnect alarm (Replace alarm once battery becomes low)
Low battery alert snooze	Press test/hush button- low battery alert/beep is snoozed for 10 hours
Horn level	≥85dB at 3 metres
Visual indicators	Red: Normal mode (flash every 40s) alarm mode, test, hush and low battery mode Yellow/ Blue and Green: Master and slave pairing modes. (See instruction manual for full detailed operation and LED modes.)
Mounting	Ceiling or wall surface mounting
IP rating	IP20 (indoor use only)
Approvals	ActivFire SAI Global 5 ticks RCM AS 3786: 2014, AS/NZS 60065, AS/NZS 60950.1
Dimensions	Diameter: 130.3mm Depth: 37.5mm (from rear of mounting plate to front face)

## Ordering Information

Catalogue Number	Description
755LPSMA4	Photoelectric Surface Mount Smoke Alarm, 10yr Lithium Battery Powered, Wireless Interconnect

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