



Product Specifications

Model FPR005+
Software Version number: V1.0
Communication Protocol: RF433MHz
Frequency and Maximum power: 433.92Mhz @ -14.96 dBm
Transmission Range: over 100m in an open area
Product Standards: AS/NZS 3786:2014 and AS/NZS 3786:2023
Power Supply: 2 pcs 3.0 V CR123A lithium Battery each rated at 1700mAh
Sensor of Smoke: Photoelectric reflection
Smoke alarm Sensitivity: 0.25Db/m
Smoke alarm Silence: circa 10 minutes
Battery life: 10 years
Standby Current: >50uA (average)
Alarm Current: >70Ma (average)
Operation Ambient Condition: -10°C to +50°C, <95%RH, non -condensing
Storage Transport Condition: -10°C to +50°C, <95%RH, non -condensing
Alarm Sound: ≥85dB @ 3m
Installation Location: ceiling or wall as per Standard and Local Authority
Detection range: Max 40m² within a room
Size: approximately Ø115mm x 33mm
Weight: 180±10mm

Product Attributes

SEMS alarms not only conform to the current required Australian Standard 3786:2014 but also to AS 3786:2023 which has far better specifications like improved technology & dust resistant, (meaning they don't go off willy-nilly every time it rains or toast burns), temporary hush, overall better RF interconnectedness via the remote and in line communication which will comfortably interconnect more than 20 alarms in any sole occupancy environment. We are of the understanding, we are the only current Australian/ NZ distributor who shows both standards on the back of our alarms, meaning when the approved AS3786:2023 is legislated and added to the NCC, alarms branded with only 3786:2014 will become non-compliant.

Currently there are no interconnected smoke alarms manufactured in Australia, however SEMS alarms are handled, distributed, installed, packaged and warranted by SEMS, an **Australian owned and operated business.**

SEMS alarms boast.

2x 1700mAh batteries giving you further confidence of backup.

When all the interconnected alarms go off and are silenced, the original initiating alarm leads you directly to the source rather than wondering which alarm triggered the group. SEMS alarms have the most easily understood 2-step setup, eg, press the remote, then press the alarms, and it's done. We provide remotes to save safety issues in disabling the alarms and to ensure immediate location of the remote rather than have mobile phone control of the alarm. To see the pairing process, please click on the link... <https://www.semsonlineshop.com/> and then scroll down the page

These alarms and remote (pictured) are in an active state , and whilst there may be a little bias here;

if an alarm can look beautiful, then so be it 😊 and in saying that we have not seen any other comparable value for money stylish alarms, look and perform like these.

Also as you can see the rear of our alarms are robust, rather than the tiny plastic switch, etc.

and the battery has a higher charge in line with higher quality alarms ensuring a comfortable 10 years of operation, when tested regularly to the 2023 requirements.

The alarms deactivate (turn off) when decoupled from the base plate and unlike most alarms when turned off and turned on again, SEMS alarms keep their pairing memory and do not need to be re-paired