CAVIUS
THE WORLD'S SMALLEST ALARMS

CAVIUS WIRELESS FAMILY
MAINS POWERED
PHOTOELECTRIC SMOKE ALARM

WIRELESS
ALARM FAMILY

Product Code:	**2203 CAVMP**
Diameter:	**97mm**
Profile:	**52mm**

PRODUCT DESCRIPTION

The Wireless Family alarms interconnect to each other using innovative Radio Frequency technology; when one alarm activates, they all sound.

Setting up and interconnecting the alarms is a simple 2-minute process. Once connected; when one alarm starts to siren, it will send out a 360-degree signal to all other CAVIUS Wireless Family alarms in range.

The range between alarms depend on the building materials and should be tested in each individual case.

Compatible with: 2107 CAV10WF, 3104 CAVTH5WF, 2104 CAV5WF, and 9002 CAVSR.

FEATURES
- Connect up to 32 alarms
- Connects to CAVIUS Smart Remote
- 10 Year long-life battery backup (replaceable)
- Easily accessible 10-minute hush & test button
- Green 'Power On' LED light as a visible indicator of mains power supply
- Ability to work as a lamp /ceiling rose
- 30-day low battery alert
- AS3786:2014 certified and Building Code Australia compliant
- 2022 Queensland Smoke Alarm Legislation compliant
- Two levels of screening to minimise insect and dust contamination
- Safety Lock/tamperproof mechanism

CERTIFICATIONS
- AS3786:2014
- NF292
- RoHs
- Reach
- ActivFire®

QUALITY ASSURANCE

SOUND LEVEL:
100% tested in a specially designed sound chamber.

SENSITIVITY:
100% tested in a specially designed test tunnel made by world leader AWT (UK).

POWER CONSUMPTION:
100% tested.

BATTERY VOLTAGE AND INTERNAL RESISTANCE:
100% tested.

ALARM FUNCTION:
100% tested.

INTERCONNECTION:
100% tested.

VISUAL APPEARANCE:
100% tested.

PACKING CONTENT:
100% tested.

PRODUCT DATA

SMOKE ALARM TYPE:
Mains powered photoelectric smoke alarm with wireless interlink and battery back-up.

USAGE:
Designed for installation in private homes. The smoke alarm has the option for being used as lamp outlet/ceiling rose. Suitable for ceiling or wall mounting.

The alarm can be interconnected with other CAVIUS Wireless Family devices.

ISOTOPE ACTIVITY:
Contains no radioactive substances.

OPERATION AC/DC:
110V AC, 230V AC.

BATTERY TYPE:
Replaceable CR2 back up battery.

POWER CONSUMPTION:
Power consumption 161mAh in the non alarm condition.

BATTERY LIFE:
10 year back up battery with mains power supply on. 1-2 years battery life if only powered by battery and no mains power supply.

INTERLINK:
The alarm can only interconnect using RF technology.

No terminals are provided to wire/cable between alarms.

INTERLINK FREQUENCY:
926.365 MH

RANGE:
Maximum 100m in open field. Range depends on the building materials and will need to be tested in each individual case.

LOW BATTERY INDICATION:
A short acoustic 'beep' will sound and the LED will flash every 48 seconds when the voltage is below 2.85V. In this stage it will continue for minimum 30 days, and can drive the alarm for 4 minutes.

NORMAL OPERATION:
Red LED flashes every 48 seconds to indicate normal operation.

A solid Green LED shows alarm is connected to the mains power supply.

SOUND:
Audible indicator of minimum 85 dB @ 3 metres.

SOUND PATTERN:
Fire alarm mode is indicated by a series of three successive tones.

VISIBLE INDICATORS:
A red LED is used to indicate the following;
- Fire alarm mode is indicated by a flash every 0.5 seconds
- Smoke sensed speed up in chamber is indicated by a flash every 2 seconds when the smoke level is at the alarm threshold
- Normal operation is indicated by a flash every 48 seconds

A solid green LED is used to show the alarm is powered by mains supply.

PRODUCT WEIGHT (GR):
Base alarm weight (excluding screws, plugs and mounting ring): 200g.

OPERATING TEMPERATURE:
-10°c TO +70°c.

DETECTION TIMING:
The alarm makes an optical reading every 8 seconds. At unusual readings (going into alarm stage), the readings are taken every 2 seconds.

OPERATING HUMIDITY:
Up to 90% RH non-condensing.

INSTALLATION POSITIONS:
Ceiling or wall mounted.

CE TESTING INSTITUTE:
CNPP.

CERTIFICATION BODY:
CSIRO/ActivFire®.

ADDITIONAL TESTING AND APPROVALS:
SGS (RF Approval).

10 YEAR BATTERY INCLUDED REPLACEABLE

ACTIVFIRE CERTIFIED

10 YEAR PRODUCT WARRANTY

reddot design award winner 2016