



# CAVIUS

THE WORLD'S SMALLEST ALARMS

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**YOUR PROTECTION *OUR PRIORITY***

[1300smokealarms.com.au](http://1300smokealarms.com.au)

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## CAVIUS AUSTRALIA PTY LIMITED

Welcome to CAVIUS. Since 2004 CAVIUS has inspired the world of alarms, proudly protected homes, and saved lives. The unique, Danish design, combined with a professional UK-based Research & Development team, brings you the most advanced alarms.

### THE CAVIUS ADVANTAGE

Why choose CAVIUS? Because the alarms are superior to other standard designs for more than one reason:

#### Core Technology

The world's smallest smoke and heat alarms were designed by a Danish team, who are experienced in developing smoke alarm systems to EN54-7 certification.

#### Design

The CAVIUS alarms use premium components to ensure reliability in performance, stability, and the alarm will be 100% operational during their lifetime of 10 years.

#### Chamber Size

To maintain a high quality performance; CAVIUS invests additional costs in the manufacturing of optical components, amplifiers for the photodiode and a micro controller to carry out signal processing.

#### Performance

The performance of the smoke sensor includes a wide smoke entry in all orientations around the alarm. It also includes strong resistance to false alarms due to point sources of contamination, insects, and humidity.

CAVIUS smoke alarms are certified for recreational vehicles

#### Software

The software in the CAVIUS smoke alarm includes a fire detection algorithm with features similar to that found in expensive analogue detection systems.

The software also includes a calibration routine, which stores a gain factor in flash memory. This is more accurate than the variable resistor set by hand on most other alarms, and much more reliable long term.

The software also includes features for self-test, hush mode after alarm, and battery test.

#### Manufacturing

During the manufacturing stage, 100% of all CAVIUS alarms are tested in a smoke tunnel to ensure the right calibration and is checked in an echoic room for sound output test. Samples from each production week are sent to an accredited lab and an external audit company will inspect and test the alarms before shipping them to the retailer.

Our factory is audited several times per year from NF, VdS, and ISO.

## 1300 SMOKE ALARMS

Welcome to 1300 Smoke Alarms. Since 2010, 1300 SMOKE ALARMS has proudly protected over 5 million Australians homes and their families through our industry leading service offerings. You can always be confident that your protection is our priority.

### OUR PROVEN SERVICE

We have developed strong relationships with many of Australia's leading real estate companies and private landlords to ensure their safety is maintained. At 1300 Smoke Alarms, we provide a compliance solution that is not only industry leading, but is trusted and provides value for money to our clients.

### OUR TEAM

We have assembled the best electricians, technicians, schedulers, computer programmers, and office staff to deliver a comprehensive range of fully integrated solutions that save lives. We are committed to providing the best possible protection and outcomes to all our clients.

### OUR ALARM PARTNERS

We only install leading Smoke Alarms. We were inspired by the CAVIUS innovations in alarm design and technology and are proud to supply and install these world class alarms for our clients to protect their homes, and save lives.



## WHERE SHOULD I INSTALL THE SMOKE ALARMS?

### PLACEMENT:

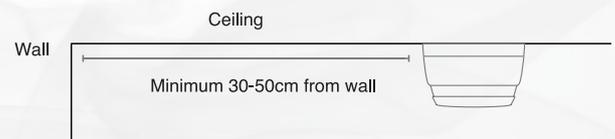
The best location for any smoke alarm is on the ceiling and in the centre of the room they are intended to protect. The alarm will operate normally if installed on a wall, however this can add minutes to the detection time, which are valuable in the event of a fire.

We recommend installing the alarm at least 30cm from the corner where the ceiling and wall join and 50cm from the apex of a cathedral ceiling. Both of these areas are referred to as **'Dead Air Zones'**.

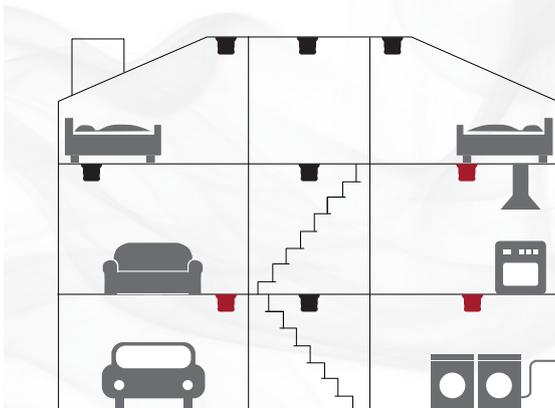
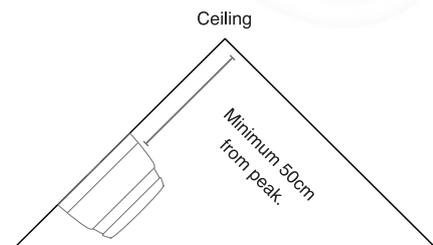
With Dead Air Zones, oxygen will gather in these areas.

### CEILING INSTALLATION:

The smoke alarm should be a minimum of 30-50cm from the wall.



For cathedral-style ceilings.



■ Smoke ■ Heat

**THERE'S  
NO FIRE  
WITHOUT  
SMOKE**

OUR PRODUCTS

CAVIUS



WIRELESS.  
ALARM FAMILY



## CAVIUS WIRELESS FAMILY MAINS POWERED PHOTOELECTRIC SMOKE ALARM

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

Setting up and interconnecting your alarms is a simple 2-minute process.

Once connected; when one alarm starts to siren, it will send out a 360-degree signal, all other CAVIUS Wireless Family alarms in range will also start to siren. The range between alarms depend on the building materials and should be tested in each individual case.

**NB: Mains powered alarms need to be installed by a professional or registered electrician.**

**Product Code: 2203 CAVMP**

Diameter: 97mm

Profile: 52mm

### FEATURES

- Connect up to 32 alarms
- CAVIUS HUB & App compatible
- 5 Year long-life battery backup (replaceable)
- 85dB(A) at 3 meters
- 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 hook, to avoid an extra spot on the ceiling
- 30-day low battery alert
- AS3786:2014 certified and Building Code Australia compliant
- 2022 Queensland Smoke Alarm Legislation compliant

### CERTIFICATIONS

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



# CAVIUS



**WIRELESS** )))  
ALARM FAMILY



## CAVIUS WIRELESS FAMILY 10YR PHOTOELECTRIC SMOKE ALARM

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

The battery-operated CAVIUS Wireless Family alarms require no wiring. Setting up and interconnecting your alarms is a simple 2-minute process.

Once connected; when one alarm starts to siren, it will send out a 360-degree signal, all other CAVIUS Wireless Family alarms in range will also start to siren. The range between alarms depend on the building materials and should be tested in each individual case.

**Product Code: 2107 CAV10WF**

Diameter: 78mm  
Profile: 19mm (Recessed)  
38mm (Standard)

### FEATURES

- Connect up to 32 alarms
- CAVIUS HUB & App compatible
- 2 x CR123A 10 Year long-life batteries (sealed)
- Two installation options; Recessed or Standard mounting base
- 85dB(A) at 3 meters
- Easily accessible 10-minute hush & test button
- 30-day low battery alert
- AS3786:2014 certified
- 2022 Queensland Smoke Alarm Legislation compliant

### CERTIFICATIONS

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



CAVIUS



WIRELESS.  
ALARM FAMILY

## CAVIUS HOME SECURITY MONITORING GATEWAY HUB



The CAVIUS Gateway HUB allows you to control your entire CAVIUS Wireless Family with your smartphone and/or tablet. Through the CAVIUS app, easily manage all your CAVIUS devices and get vital information wherever you are.

You will receive a push notification when an alarm has been activated, a reminder to test your alarms, or if an alarm has a low battery. You can also directly test your alarm from your app, removing the need to climb onto a ladder or chair.

Give each device a unique name so you know which alarm has been activated e.g. 'Jack's Bedroom', 'Alice's Bedroom', 'Living Room', etc.

You can also add the CAVIUS Wireless Family Window or Door and PIR Motion Sensors to the system. Once a sensor has been activated, your CAVIUS smoke and heat alarms in the house will start to sound (warning off any intruder) and you will receive an alert via the CAVIUS app.



DANISH  
DESIGN



Product Code: 6002 CAVHUB

Diameter: 55mm

**WIRELESS.**  
ALARM FAMILY

**CAVIUS**



## CAVIUS HOME SECURITY MONITORING WINDOW OR DOOR SENSOR

The CAVIUS Window or Door Sensor connects to the Wireless Family Gateway HUB and app. The sensor can be installed onto any surface, once the magnet and sensor are separated, the CAVIUS smoke and heat alarms in the house will start to sound (warning off any intruder) and you will receive an alert via the CAVIUS app. Powered by 1 x CR2032 button cell battery (replaceable).



**Product Code: 10023 CAWDS2**

Diameter: 70mm

Profile: 11mm



## CAVIUS HOME SECURITY MONITORING PIR MOTION SENSOR

The CAVIUS PIR Motion Sensor connects to the Wireless Family Gateway HUB and app. The sensor is installed in the corner or on the wall, once movement has been sensed, your CAVIUS smoke and heat alarms in the house will start to sound (warning off any intruder) and you will receive an alert via the CAVIUS app. Powered by 1 x CR123A Lithium battery (replaceable).

Comes with a 'Pet Mode' option to ensure no false alarms are caused by your extended family.



**Product Code: 10024 CAVMOT2**

Diameter: 57mm

Profile: 48mm

