CAVIUS
THE WORLD'S SMALLEST ALARMS

WIRELESS))))
ALARM FAMILY

CAVIUS WIRELESS FAMILY
10 YEAR PHOTOELECTRIC SMOKE ALARM

Product Code:	**2117 CAV10WFBK**
Diameter:	**78mm**
Profile:	**19mm (Recessed) - 38mm (Standard)**

PRODUCT DESCRIPTION

The CAVIUS Wireless Family 10 Year Smoke Alarm is now available in black! Perfect for natural timber or darker ceilings, the black alarm ensures the alarm is unintrusive and blends into the environment.

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.

Compatible with: 2203 CAVMP, 2107 CAV10WF, 3107 CAVTH10WF, 9002 CAVSR, 9005 CAVRI, 3104 CAVTH5WF, and 2104 CAV5WF.

FEATURES

- Connect up to 32 alarms
- Connects to CAVIUS Smart Remote
- Connects to the SmartSense Wireless SmartHub
- 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
- NZ Building Code and RTA 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:
Battery-operated photoelectric smoke alarm with wireless interlink.

USAGE:
Designed for installation in private homes, camping trailers, mobile homes and caravans. Not recommended for boats.

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

ISOTOPE ACTIVITY:
Contains no radioactive substances.

OPERATION AC/DC:
DC.

BATTERY TYPE:
Non-replaceable 10 year battery (pack of 2 CR123A Lithium batteries).

POWER CONSUMPTION:
Battery consumption is 162mAh for one year in normal operation.

BATTERY LIFE:
Minimum 10 year life in normal operating condition (Based on a weekly testing).

INTERLINK FREQUENCY:
926.365 MHz.

RANGE:
Minimum 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.

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

PRODUCT WEIGHT (GR):
Base alarm weight (excluding screws, plugs and mounting ring): 96g.

OPERATING TEMPERATURE:
+4ºC to +38ºC (tested from 0 degrees to 55 degrees).

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.

CE TESTING INSTITUTE:
CNPP.

CERTIFICATION BODY:
CSIRO/ActivFire®.

ADDITIONAL TESTING AND APPROVALS:
SGS (RF Approval).

10 YEAR BATTERY INCLUDED NON-REPLACEABLE

ACTIVFIRE® CERTIFIED

PRODUCT 10 YEAR WARRANTY