

# CAVIUS

WIRELESS  
ALARM FAMILY  
**SMOKE**  
ALARM



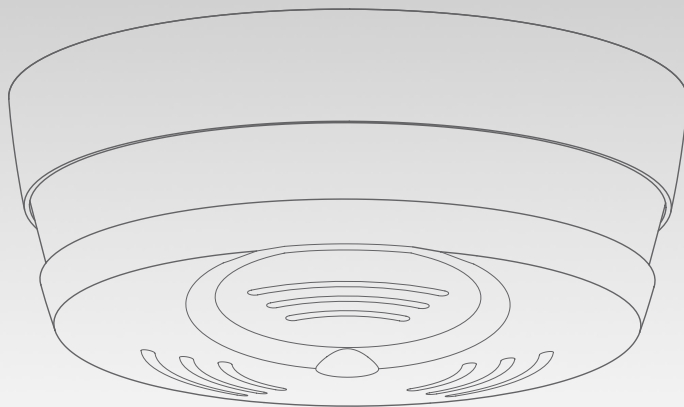
**MAINS**  
POWERED



**DANISH**  
**DESIGN**



**100%**  
TESTED



WIRELESS  
ALARM FAMILY

**MAINS**  
POWERED  
SMOKE

PRODUCT TYPE: MAINS POWERED SMOKE ALARM WITH WIRELESS INTERLINK PRODUCT NUMBER: 2201-001



reddot award 2016  
winner



0333  
EN14604 : 2005/AC:2008  
DoP no.: 2201-001



# CAVIUS

**PRODUCT TYPE:** MAINS POWERED SMOKE ALARM WITH WIRELESS INTERLINK

**PRODUCT NUMBER:** 2201-001

## PRODUCT DATA:

### SMOKE ALARM TYPE:

Mains powered smoke alarm device with wireless interlink and battery back-up.

### USAGE:

Designed for installation in private homes. The smoke alarm can be used as lamp outlet or alone. The alarm can be mounted on top of a conduit box or on the ceiling with the enclosed base.

The alarm can be connected with other alarms from the Cavius Wireless alarm family.

### ISOTOPE ACTIVITY:

Absence of radioactive substances.

### OPERATION AC/DC:

110V AC, 230V AC

### BATTERY TYPE:

Replaceable Duracell CR2 back up battery.

### POWER CONSUMPTION:

Power consumption 161mAh in the non alarm condition.

### BATTERY LIFE:

Minimum 10 years life of back up battery

### INTERLINK FREQUENCY:

868MHZ

### 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 LED 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 second for normal operation. Green LED shows mains power on.

### SOUND:

Audible indicator min. 85 dB @ 3 meter in anechoic chamber.

### SOUND PATTERN:

Fire alarm condition is indicated by a series of three successive tones.

### VISIBLE INDICATORS:

A red LED is used to indicate the following conditions:

- fire alarm condition is indicated by a flash every 0.5 seconds.
- smoke sense speed up 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 green LED is used to show the alarm is powered by mains supply

### MAINTENANCE:

Slots in the top cover above the smoke chamber allows easy access for vacuum cleaning. Testing of alarm can be done at the same time via a push button switch built into the top of the alarm for easy access.

### PUSH BUTTON:

The smoke alarm includes a push button switch built into the top of the alarm for easy access. This button has the following functions:

- set up - Press the button to start sending out a specific house code to the others alarms.
- hush – during an alarm condition this immediately silences the alarm when pressed. When the button is released, the alarm remains silenced for 10 minutes.
- test – when not in alarm the sounder can be activated to provide a sensor OK test function. While the button is pressed, the audible and visible indicators are activated if the sensor is OK.

### MAINTENANCE:

Top cover designed for easy to access vacuum cleaner nozzle.

### WARRANTY:

1 year

### PRODUCT WEIGHT (GR):

Base alarm weight (excluding screws, plugs and mounting ring): 200g



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## PRODUCT DATA:

### OPERATING TEMPERATURE:

-10°C TO +70°C

### OPERATING HUMIDITY:

Up to 90% RH non-condensing

### 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.

### INSTALLATION POSITIONS:

Ceiling. Set of 2 x screws, 2 x plugs and ceiling base included.

### APPROVALS:

EN 14604:2005  
EN60065  
EN300-220  
ROHS  
REACH

### CE TESTING INSTITUTE:

CNPP

### NOTIFIED BODY:

AFNOR Certification.

### ADDITIONAL TESTING AND APPROVALS:

SGS (RF Approval)

### AWARDS:

Red Dot 2016 Design Awards



reddot award 2016  
winner

### ASSOCIATIONS:

Cavius is member of GIFSID, manufacturers' association of domestic fire safety equipment

### STORAGE TEMPERATURE:

-20°C to +60°C

### STORAGE HUMIDITY:

Up to 93% RH non-condensing

## QUALITY ASSURANCE:

### SOUND LEVEL:

100% tested in special designed sound chamber.

### SENSITIVITY:

100% tested in special 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

## CONTACT

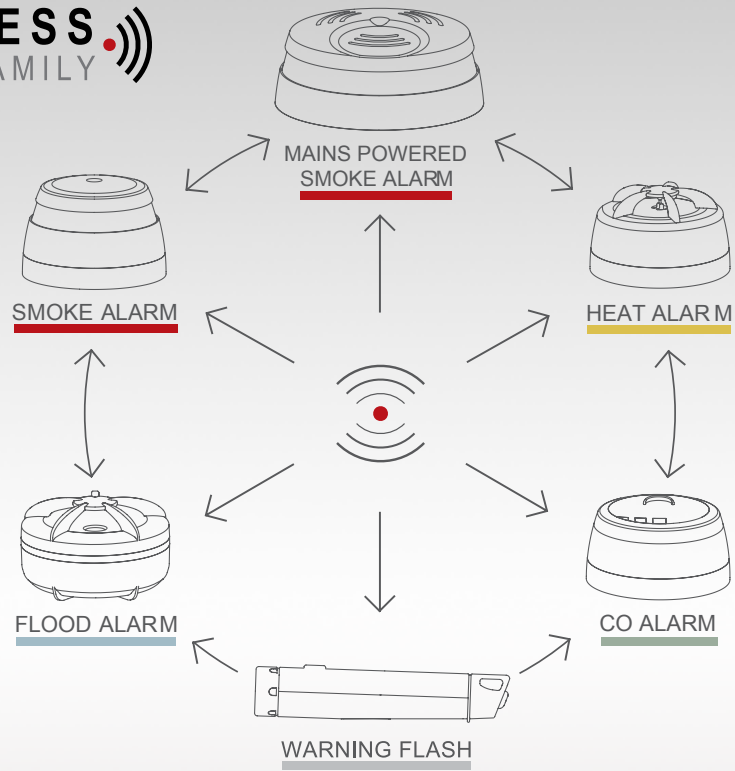
[www.cavius.com](http://www.cavius.com)

## MANUFACTURER

Manufacturer: Cavius Aps, DK8600

# CAVIUS

**WIRELESS**   
ALARM FAMILY



Diameter: 97 mm

DISTRIBUTOR: