



VOLTRON

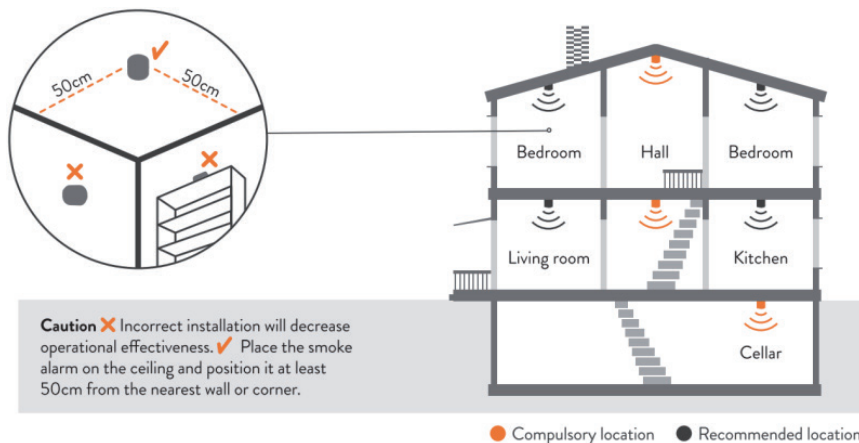
INSTALLATION INSTRUCTIONS

Thanks for buying the photoelectric smoke alarm. Read all instructions before installing the smoke alarm, so it will protect your home in the best possible way.

- If you are installing the smoke alarm for some other person, leave these instructions or a copy of them with him/her.
- The photoelectric smoke alarm is also suitable for use in a travel vehicle, such as camper vans, caravans, and boats.

1. POSITIONING THE SMOKE ALARM

- Place at least one smoke alarm per 60 m² on each floor.
- Place a smoke alarm in each corridor and bedroom.
- The smoke alarm is to be placed on the ceiling in such a way that it is in the middle of the room.
- Place a smoke alarm at the top of each staircase.



AVOID THESE POSITIONS:

Near a wall or corner: Place the smoke alarm at a distance of at least 50cm from a wall or corner.

Moist places: Avoid installing smoke alarms near moist or occasionally moist places such as immediately close to a shower or kitchen, where steam can cause false alarm.

Ventilation ducts: Avoid installing a smoke alarm immediately next to a ventilation duct. The draft may prevent smoke from reaching the smoke alarm. Smoke alarm can't be installed in the location where the air velocity is more than 300 f/min (1.5 m/sec).

Dead-air spaces: Avoid installing a smoke alarm in the angle of a pitched roof. Install it at

a distance of at least 10cm from the ridge.

Fluorescent lamps: Avoid installing a smoke alarm immediately next to fluorescent lamps, such as halogen lights.

Radiation heating source: Avoid installing a smoke alarm near radiant heating source, such as radiant heating in the ceiling can create a hot air boundary layer along the ceiling surface, which can seriously restrict the movement of smoke and heat to a smoke alarm.

2. OPERATION AND TESTING

Alarm mode: The red light flashes once every 33 seconds in normal mode. When the smoke alarm detects smoke, it goes into an alarm mode in which the smoke alarm beeps continually and red light flashing.

Test mode: The entire surface works as a test button. Press the test button of the smoke alarm for more than 1 seconds, until you hear the alarm sound and see light flash.

Silence mode: During alarm mode, pressed the test button for 1 seconds, the smoke alarm is immediately reset out of the alarm condition and the beep is silenced when the test button is released the device enters into a 9-minute silence mode. In silence mode, the red light flash once every 0.6 seconds to indicate that the mode is active. The silence mode will be cancelled if any of the following conditions exist:

- high smoke level.
- test button is activated again.

Error mode: The smoke alarm sends out 'beep' two times every 33 seconds. Removed the smoke alarm from the mounting plate and clean up the surface dust, then install the back. If the smoke alarm is still in an error mode, contact the importer or manufacturer.

Low battery: When the battery is used up, the smoke alarm beeps at intervals of 33 seconds.

3. MAINTENANCE

Battery life: The smoke alarm contains 3V lithium battery (CR123A). Their life time is 10 years. When the battery is used up, the smoke alarm beep at intervals of 33 seconds for at least 30 days. If the battery is used up, replace smoke alarm as soon as possible.

Warning: Lithium batteries can explode or cause burning if they are installed incorrectly. User is not recommended to replace batteries.

Clean the smoke alarm at least once a year: Separate the smoke alarm from the installation plate by turning it counter clockwise. Separate the smoke alarm carefully. Test the smoke alarm after cleaning it.

Do not paint or modify the smoke alarm !

Waste handling: The smoke alarm should be disposed in accordance with normal waste handling for electronics.

4. TECHNICAL INFORMATION

Operating principle: Photoelectric Warranty: 3 years Battery life: 10 years

Alarm current: $\leq 50\text{mA}$ Voltage: 3V (built-in lithium battery)

Quiescent current: $\leq 7\mu\text{A}$ Operating temperature: $0^{\circ}\text{C} \sim 50^{\circ}\text{C}$

Sound volume: $\geq 85\text{ dB}$ at a distance of 3 meters

Sensitivity: $0.08 \sim 0.16\text{dB/m}$

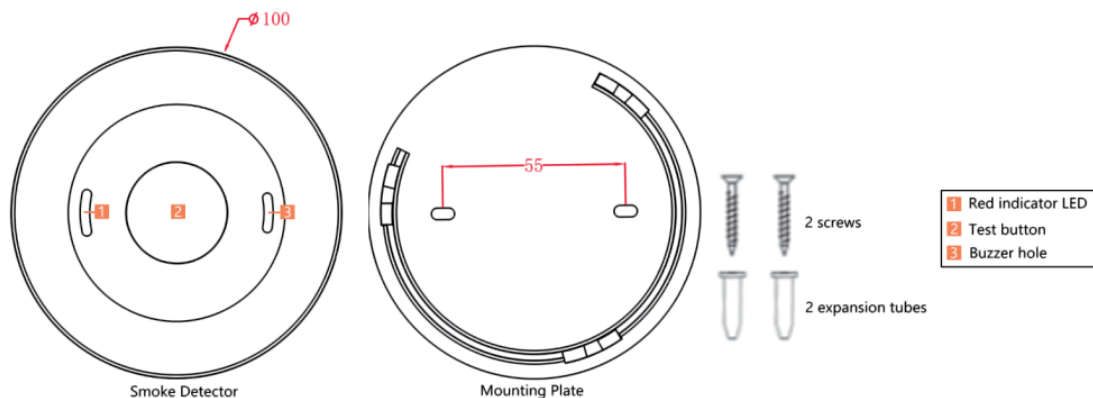
Dimensions: $\Phi 100 \times \text{H} 33.8\text{ mm}$ Weight: 120 g

Maximum humidity: 95%RH Conform to the standard: EN14604

5. GUARANTEE

Deling grants a 3 years guarantee, starting from the purchase date of the product. If the smoke alarm becomes defective during the guarantee period, the smoke alarm will be replaced with a new one if the defective one is sent to Deling. The guarantee covers manufacturing or material defects in the product, if the smoke alarm has been used according to the user instructions and the guarantee period has not expired. The guarantee period for a smoke alarm that has been replaced with a new one is the same as that of the original smoke alarm. The guarantee is not valid if 1) the product is used, maintained, or tested contrary to the user instructions, 2) the defect has been caused by a negligent act by other than Deling, or 3) if the product has been modified or treated with force, or if the guarantee receipt is missing. The guarantee does not cover costs due to installation or battery replacement. Deling responsibility does not in any case exceed the price of a new smoke alarm. Deling is not responsible for any damage or loss that has been caused by a non-working smoke alarm or negligence by the manufacturer. This guarantee does not affect rights enacted by law.

6. PRODUCT COMPONENTS DRAWING



7. INSTALLATIONS WITH SCREWS

