

**10-YEAR****NEVER-CHANGE  
BATTERY**

# SMOKE ALARM

**10-YEAR NEVER-CHANGE BATTERY**

DETECT SERIES | MODEL 20SD10



## NO LOW BATTERY CHIRPS

This alarm beeps to remind you it's time to replace it 10 years after it is powered.

## REDUCED NUISANCE ALARMS

Enhanced sensing technology reduces false alarms often caused by cooking.

## SELF-TESTING\*

For added assurance, internal components ensure alarm is always operating as expected.

*Images are representative only.  
Actual product may vary slightly.*



**Photoelectric +  
Firmware  
Technology**



**CERTIFIED  
SAFETY  
SIGNALING**  
Helps Reduce Cooking  
Nuisance Alarms



## Description

North America's #1 home fire safety brand (based on total household installations as of December 2022) is bringing you the next level of fire safety with the Kidde Smoke Alarm model 20SD10.

This alarm offers a modern 5" design ideal for all living spaces. Cutting edge technology sends fast alerts that give your family more time to get out safely and enhanced sensing technology reduces false alarms often caused by cooking.

Comprehensively tested and designed to the latest UL standard for safety and reliability, this Kidde DETECT alarm is powered by a 10-year battery so you never have to change a battery.

Plus, it's self-testing and easy to install with the included twist-and-click mounting bracket. Equipped with end-of-life notifications, the alarm will beep to remind you it's time to replace it 10 years after it is powered.

## Alarm Warnings – featuring multi-color LEDs

**Fire:** The red LED will flash in sync with the alarm pattern (3 long beeps). The alarm will repeat this pattern until the unit is reset or smoke is eliminated.

**End of Unit Life:** Two chirps and amber LED flashes per minute.

**Alarm Memory:** Alerts a user if smoke has been detected in the last 24 hours. If smoke has been detected, the red LED blinks every 15 seconds.

## Features & Benefits

- **Worry-Free 10-Year Battery** – No battery changes for 10 years.\* Avoids inconvenient battery replacements and saves up to \$40 over the life of the device.
- **Self-testing Alarms\*** – For added assurance, internal components ensure alarm is always operating as expected.
- **Simple Installation** – Easy install with included twist-and-click mounting bracket.
- **End-of-life Notifications** – This alarm beeps to remind you it's time to replace it 10 years after it is powered.

## Installation of Alarm

This model meets the latest residential smoke alarm standards, which includes enhanced resistance to nuisance alarms from cooking. Industry experts recommend that both ionization and photoelectric smoke alarms be installed to help ensure optimal detection of the various types of fires that can occur within the home. Ionization sensing alarms may detect invisible fire particles (associated with fast flaming fires) sooner than photoelectric alarms. Photoelectric sensing alarms may detect visible fire particles (associated with slow smoldering fires) sooner than ionization alarms. Industry experts recommend specific locations for smoke alarms, such as every level and sleeping area of the dwelling. The alarm can be installed on the surface of

\*10-year limited warranty on alarm. Not a battery performance claim. \*Self-testing is not a substitute for a manual push test of the alarm. Perform a button test once per week to verify proper alarm operation.

any wall or ceiling following the UL/NFPA/Manufacturer's recommended placement guidelines. See User Guide for more location information and additional instructions.

## Architectural & Engineering Specifications

The alarm shall include a test button that will electronically simulate the presence of smoke and cause the unit to go into alarm. This sequence tests the unit's electronics to ensure proper operation. The unit shall incorporate three LED colors. A green LED will flash every 60 seconds when in standby condition. An amber LED will indicate fault conditions. A red LED will flash in sync with the smoke alarm pattern, and will also indicate alarm memory.

The unit shall include the Hush™ feature that silences a smoke alarm for approximately 8-10 minutes if a nuisance alarm condition occurs. The red LED on the alarm will flash every 2 seconds while in Hush and will automatically reset itself.

At the date of manufacture, the unit shall at a minimum meet the requirements of UL 217, NFPA 72, NFPA 101 (One and two family dwellings), Federal Housing Authority (FHA), and Housing and Urban Development (HUD).

## Technical Specifications

<b>Model:</b>	20SD10
<b>Power Source:</b>	10-year† sealed battery operated
<b>Smoke Sensor:</b>	Photoelectric
<b>Audio Alarm:</b>	85dB at 10ft
<b>Temperature Range:</b>	40°F (4.4°C) to 100°F (37.8°C)
<b>Humidity Range:</b>	Up to 95% relative humidity (RH), non-condensing
<b>Size:</b>	5" W x 2" D x 5" H
<b>Weight:</b>	0.79 lb
<b>Wiring:</b>	N/A
<b>Interconnects:</b>	N/A
<b>Warranty:</b>	10-Year Limited Warranty (battery included)
<b>Replacement Batteries:</b>	N/A

## Ordering Information

Ordering Number	UPC	GTIN	Pack Config.	Pack Qty	Case Dimensions (D x W x H inches)	Case Weight (lbs)	Cartons/Pallet
<b>21031466</b>	047871314669	10047871314666	Box	6	15 x 6.3 x 6.06	5.08	108
<b>21031468</b>	047871314683	10047871314680	Box	2	15 x 6.3 x 6.06	4.9	108
<b>21031469</b>	047871314690	10047871314697	Box	1	14.17 x 5.91 x 4.35	4.35	114
<b>21032821</b>	047871328215	10047871328212	Box	3	15 x 6.3 x 6.06	4.93	108
<b>21032822</b>	047871328222	10047871328229	Box	2	19.76 x 6.30 x 6.06	6.33	84