BATTERY

2 AA

KIDDE™ | ring

Smart Smoke Alarm with Ring App Alerts

2 AA Batteries (Included)

Model RGSDR-RW



Real-Time Ring Notifications
Home or away, get notifications of smoke and low battery warnings.

Optional Ring Subscription with 24/7 Smoke Monitoring
Trained agents can request emergency help in case of alarm.[1]

Advanced Sensing Technology
React quickly with smoke detection that's over 25% faster[2] and up to 3x more precise.[3]

Images are representative only. Actual product may vary slightly.

Conforms To Standard UL 217

Photoelectric + Firmware Technology

Description

North America's #1 home fire safety brand* is bringing you our latest Kidde Smart alarms with cutting edge sensing technology and seamless Ring App integration. Experience whole home smart connectivity for every compatible Kidde alarm in your home through wire-free interconnectivity[4] and get real-time notifications at home or away, including smoke and low battery warnings. Just download the Ring App to begin alarm setup — no additional devices required. This Ring App enabled smoke alarm features enhanced sensing technology to reduce false alarms often caused by cooking. Crystal-clear voice alerts announce "Fire!" to warn you of danger. Optional Ring subscription with 24/7 smoke monitoring allows trained agents to request emergency help in case of alarm.[1] Powered by two AA batteries (included) for easy installation. Comprehensively tested to meet UL standards.

Alarm Warnings – *Featuring multi-color LEDs*

Fire: The smoke alarm pattern is three long beeps with voice "Fire!," a 1.5 second pause and three long beeps repeating. The red LED blinks in time with the alarm pattern only on the alarm(s) that detected the hazard (initiating alarm).

Low Battery: Amber LED blinks every 6 sec. Chirp and voice "Low Battery" every 60 sec.

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 sec.

Features & Benefits

- **Everything You Need is in the Box** – Download the Ring App for simple setup in as little as 5 minutes[5] — no additional devices required.
- **Whole Home Smart Connectivity** – Get mobile alerts for every compatible Kidde alarm in your home through wire-free interconnectivity — when one alarm sounds, they all do.[4] Plus, enjoy easy installation without the cost or hassle of rewiring.
- **See All Your Ring Devices in One Place** – Add additional Ring devices, like indoor cameras, to monitor your whole home in the Ring App.
- **Early Low Battery Warnings** – Receive advance warnings on your phone.
- **Voice Alerts** – Crystal-clear voice alerts tell you exactly why your alarm is sounding.

**Based on total household installations as of December 2023. [1]A compatible Ring subscription is required for 24/7 Smoke and CO Monitoring. Service available within the U.S. (all 50 states, but not U.S. territories). Ring does not own its monitoring center. Smoke and carbon monoxide monitoring is not available for business or commercially zoned addresses. See Ring Alarm licenses at: ring.com/licenses. Additional fees may be required for permits, false alarms, or Alarm Verified Guard Response, depending on your local jurisdiction. [2]29% faster average smoke detection based on internal testing of smoldering wood fires for Kidde 9th Edition vs. leading competitor 8th Edition products. [3]In terms of consistency and range of obscuration rate, based on internal testing for Kidde 9th Edition vs. leading competitor 8th Edition products. [4]Different models offer different interconnection options and requirements. Check the User Guide for more info. [5]Based on average Ring customer setup time. Individual results may vary; data collected May 24, 2025 – June 24, 2025.*

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

The alarm should be installed to comply with all local codes having jurisdiction in your area and NFPA 72.

Architectural & Engineering Specifications

A maximum of 24 Kidde Safety devices may be interconnected in a multiple station arrangement. The interconnect system should not exceed the NFPA interconnect limit of 12 smoke or smoke/CO combination alarms and/or 18 alarms total (smoke, CO, smoke/CO combination, heat, etc.). With 18 alarms interconnected, it is still possible to interconnect up to a total of 6 remote signaling devices and/or relay modules. This alarm is not designed to be interconnected with other manufacturers' products, unless otherwise specified.

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 four LED colors. A green LED will flash every 60 seconds when in standby mode. 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. A blue LED is used to assist during Wi-Fi setup.

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).

NOTE: *This is not a carbon monoxide (CO) alarm, but will receive and transmit a CO alarm signal from an interconnected CO or combination smoke/CO alarm. The carbon monoxide (CO) alarm pattern is four quick beeps repeating every 5 seconds with voice "Warning! Carbon Monoxide." It is impossible to determine the source of a CO alarm using sight or smell. Always consider a CO alarm event as dangerous.*

Technical Specifications

Model:	RGSDR-RW
Power Source:	2 AA battery operated
Smoke Sensor:	Photoelectric
Audio Alarm:	85 dB at 10 ft
Temperature Range:	40 ˚F (4.4 ˚C) to 100 ˚F (37.8 ˚C)
Humidity Range:	Up to 95% relative humidity (RH), non-condensing
Size:	Alarm in box: 6.69" W x 2.8" D x 8.07" H Alarm out of box: 5" W x 1.88" D x 5" H
Weight:	0.4 lb
Wiring:	N/A
Interconnects:	Interconnects with up to 24 Kidde devices. Please see User Guide for list of compatible alarms. This alarm is not designed to be interconnected with other manufacturers' products, unless otherwise specified.
Warranty:	10-Year Limited Warranty (batteries excluded)
Replacement Batteries:	Energizer E91, Gold Peak 15A or Golden Power GLR6A. Replacement batteries are available where you purchased this alarm. *Note: Do not use lithium batteries in this unit.*

⚠ **WARNING:** *Mobile alert services are ancillary to the product and for informational purposes only. They are not intended or suitable for life safety or critical purposes nor do these services take the place of third-party life safety monitoring services. This product's smartphone or tablet notifications require a stable Wi-Fi connection and are only as reliable as your home Wi-Fi network.*

Alarm can only pair to a 2.4 GHz Wi-Fi network and compatible 802.11b/g/n router. Mobile Phone or Tablet: Requires iOS 14 or later or Android 9 and up.

Ordering Information

Ordering Number	UPC	GTIN	Pack Config.	Pack Qty	Case Dimensions (D x W x H inches)	Case Weight (lbs)	Cartons/Pallet
21033911	0047871339112	10047871339119	Box	3	9.45 x 7.24 x 8.39	3.9	96

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