

Interconnectivity Guide

AC Wired Interconnect Model Capability

Kidde AC models have hardwire interconnect capability with other Kidde AC models. When one hardwired interconnect unit sounds an alarm, all other compatible hardwire or interconnected units will also alarm. **NOTE:** AC wiring must be completed properly and the AC quick connector must be attached to the unit for the hardwire interconnect function to work.

Notifications to a Mobile Device

These models have Wi-Fi capability and can send alarm signals and other notifications to a mobile device. The Ring App is required, along with a home Wi-Fi router and internet. (Requires 802.11b/g/n 2.4GHz Wi-Fi).



RGSAR-RW
Smart Smoke Alarm



RGCUAR-RW
Smart Smoke +
Carbon Monoxide Alarm

The following models can be interconnected using the standard AC wiring interconnect. Refer to each model's User Guide for visual and audible indicators.

Models which provide both remote smoke and CO alarms:



20SA10
20SA10-V



20SAR



20SAR-W



3050-VAS10-A*



3050-VASC10-A*



30CUA10
30CUA10-V



30CUAR
30CUAR-V



30CUAR-W



900-CUAR*
900-CUAR-V*



i12010S*



i12010SCO*



KN-COB-IC*



KN-COPE-I*



KN-COSM-I*
KN-COSM-IB*
KN-COSM-IBA*



KN-SMFM-1*



P4010ACLEDs*
P4010ACLEDs-2*



P4010ACLEDSCO*
P4010ACLEDSCO-2*



P4010ACS*
P4010ACS-W*



P4010ACSAQ-WF*



P4010ACSCO*
P4010ACSCO-W*



P4010ACSCOAQ-WF*



P4010ACSCO-WF*



P4010ACS-WF*



P4010LACS-W*



RF-SM-ACDC*



RGCUAR-RW



RGSAR-RW

Models which provide remote smoke alarms, but not remote CO alarms:



HD135F

i12020*
i12020A*i12040*
i12040A*i12060*
i12060A*i12080*
i12080A*i4618A*
i4618AC*

P12040*



PE120*

Pi2000*
Pi2010*

Models which provide both remote smoke and CO alarms with a strobe light and no audible notification:



SL177i*



SLED177i*

SM120X Relay Module
will only activate from
interconnect smoke signalCO120X Relay Module
will only activate from
interconnect CO signal

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.

**No longer in production*