



Q5000 Wireless Interconnect Photoelectric Smoke Alarm



Overview

The Quell Q5000 Wireless Interconnect Photoelectric smoke alarm, allows the interconnection of up to 32 Q5000 alarms using innovative Radio Frequency technology. With a 100m direct line of sight range, all interconnected smoke alarms sound when one smoke alarm detects smoke, giving you and your loved ones early notification to evacuate.

The Q5000 has two levels of internal screening that minimises insect and dust contamination in the alarm, along with a safety lock that ensures it remains tamper-proof once installed

With a small foot print, this DIY solution includes a 10-year sealed battery that lasts for the entire lifespan of the alarm, eliminating the need for battery installation or replacement.

What is Included

- Smoke alarm with sealed battery
- Separate mounting base
- Screws and plugs fixings
- Manual

Features & Benefits



Interconnectable

Wirelessly interconnects up to 32 Q5000 devices (no internet or wiring required).



Best Locations

Supports wall and ceiling mounting.



Reduced Nuisance Alarms

Multi-layer insect screen minimises insect and dust contamination.



Sealed Battery

10 year long life sealed battery.



End of Battery-life Notification

30-day low battery alert.



Operating Temp: 0°C to 40°C

Operating Humidity: Up to 93% RH non-condensing



10 year warranty.

Protecting what matters most

Technical Specifications

Product Code	140050 (Bedroom) & 140051 (Living/Hallway)
Model Number	Q5000DCS-WCB / Q5000DCS-WCLH
Diameter	78 mm
Profile	38 mm
Smoke Alarm Type	Battery-operated photoelectric smoke alarm with wireless interlink
Usage	Suitable for ceiling or wall mounting in residential properties
Operation AC/DC	DC
Battery Type	Non-replaceable 10 year battery (pack of 2 CR123A Lithium batteries)
Power Consumption	Battery consumption is 162 mAh for one year in normal operation
Battery Life	Minimum 10 year life in normal operating condition (Based on a weekly testing)
Interlink Frequency	924.365 MHz
Range	Minimum 100 m in open field. Range depends on the building materials and will need to be tested in each individual case
Sound	Audible indicator of minimum 85 dB @ 3 metres
Sound Pattern	Fire alarm mode is indicated by a series of three successive tones
Visible Indicators	A red LED is used to indicate the following; <ul style="list-style-type: none">• Fire alarm mode is indicated by a flash every 0.5 seconds• Smoke sensed speed up in chamber 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
Product Weight (GR)	Base alarm weight (excluding screws, plugs and mounting ring): 96 g
Operating Temperature	Not recommended for operation below 0°C or above 40°C
Operating Humidity	Up to 93% RH non-condensing
Certification	AS3786, ActivFire®

Ordering Information

140050	Quell Wireless Interconnect Photoelectric smoke alarm (Bedroom)
140051	Quell Wireless Interconnect Photoelectric smoke alarm (Living/Hallway)

Distributed by:

Contact

For further information on the full range of Quell® products, visit our website www.quell.com.au

Kidde Australia Pty Ltd
ABN 68 006 252 428
Building F, Unit 1B, 3-29 Birnie Avenue
Lidcombe NSW 2141

Quell® is a registered trademark of Kidde Australia Pty Ltd.
©2025 Kidde. All rights reserved.

QUELL_DS_Q5000_MAR2025