



Q301

Photoelectric Smoke Alarm



Overview

The Quell Q301 Smoke Photoelectric smoke alarm offers a sleek low-profile design for DIY installation, and comes with a 9V replaceable battery that should be changed annually.

Photoelectric alarms work by aiming a light source (LED) through a sensing chamber to a receiver. When particles enter the chamber, changes to the light pattern are detected by the receiver, which in turn triggers an alarm. These types of alarms are particularly effective at detecting smoldering fires - burning foam, rubber and synthetic materials commonly found in modern homes.

In Australia, all new dwellings and dwellings being renovated must have smoke alarms that comply with AS 3786. Legislations can vary between the state and territories, so always check with your local states regulations to ensure your home is compliant.

What is Included

- Smoke Alarm
- 9V Alkaline battery/s
- Separate Mounting Base
- Screws and plugs fixings
- Manual

Features & Benefits



Hush Feature

Temporarily silences an alarm.



Best Locations

Suitable for various locations throughout the home, specifically in bedrooms, hallways and living areas.



Photoelectric Sensor Technology, Type A

Quick response to visible smoldering fires (e.g. from foam filled furniture and overheated PVC wiring).



Ease of Installation

Easy install with twist and click mounting bracket.



Alarm Functional Test

Tests alarm functionality and sounder.



10 year warranty



10 year service life

Protecting what matters most

Technical Specifications

Model Number	Q301
Sensor Type	Optical
Primary Power Supply	9V
Mounting Options	Ceiling Mount
Audio Alarm	85+ dB at 3 metres
Temperature	Operating range: 0°C to 40°C
Humidity	Up to 93% RH (non-condensing)
Storage and Transport	-20°C to 60°C, 5% to 95% RH (non-condensing)
Dimensions	104 mm x 35 mm
Weight	0.160 kg
Warranty	10 years
Certification	Complies with AS 3786:2014 and manufactured to the ISO 9001 quality standard

Ordering Information

136423	Q301 Smoke Alarm, Photoelectric, 9V (trade box)
--------	---

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.