

Fire detection and evacuation solutions that save lives.

# Reach Wireless Survey Kit Pro

## Features

- Includes 1x network host device, 1x field-device, 1x extendable detector mounting pole
- Field-device includes an RGB LED for signal strength indication
- Bi-directional wireless communication
- Dual channel redundancy

## Description

This is a portable, battery-powered toolkit for surveying signal strength of the Reach Wireless system prior to installation within a building.

The field-device can be held in position to test the signal strength of a potential installation location between it and the network host device. The field-device will indicate signal strength by flashing its on-board LED.

## Communication

Reach Wireless Devices use 'radio-frequency' wireless communication to connect to the Loop-Interface.

## Signal Quality LED Table

Rssi (dBm)		LED Activity + Colour	Signal Quality	Ok to Install
Min	Max			
0	-65	●●●	Excellent	Yes
-66	-75	●●●	Good	
-76	-80	●●●	Sufficient	
-81	-85	●●	Marginal	No
-86	-90	●●	Bad	
-91	-95	●●	Very Bad	
-96	-100	●●	Extremely Bad	
101	-105	●●	Range Limit	



## Specifications

Field Device Radio Frequency Channel Pairs	22 pairs
Radiated Power	14 dBm (25 mW)
Battery Type	2x VARTA CR123A Lithium 3 V, 1250mAh typical
Battery Type (Network Host Device)	4x VARTA CR123A Lithium 3 V, 1250mAh typical
Operating Temperature	-10°C to +55°C
Maximum Relative Humidity (non-condensing)	95%
Standards and approvals	N/A
Dimensions	136 mm diameter x 96 mm height x 57mm depth
Weight (including base and batteries)	270 g

All data is supplied subject to change without notice. Specifications are typical at 24 V, 25°C and 50% RH unless otherwise stated.

## Item Numbers

	Australia	International
Reach Survey Kit	4110-2100	RW1800-060APO