



Fire detection and evacuation solutions that save lives.

# Reach Wireless

## Australia

MAN3188



  
**REACH**  
916 WIRELESS

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# Introducing Reach Wireless

Reach Wireless is the latest in Ampac's range of hybrid-wireless fire detection. Created to make installation and commissioning quicker and easier, we are introducing a full suite of products including red and white flash VADs.

With an easy-to-use survey kit, Reach Wireless is **flexible, reliable** and **practical**.



Ampac's hybrid-wireless fire alarm systems deliver flexible solutions for listed buildings, temporary structures and high-rise residential apartments, extending detection without compromising the level of protection from fire.

# Applications for Reach Wireless



Reach Wireless saves you time and solves installation problems.



## EXTENSIONS

Reach allows an existing fire system to be extended by bridging wireless devices to the wired loop, using the Reach Loop Interface.

A new fire loop is not required, which reduces cost and effort - especially if the existing panel doesn't have any more available loops, as long as there is spare capacity on the loop.

## OUTBUILDINGS

In a similar way to Extensions, Reach seamlessly extends the existing loop to outbuildings without having to dig a trench and lay trunking.

This eliminates the need for a second, independent panel and loop for that additional structure.

# Applications for Reach Wireless



Ideal for time sensitive installations where lengthy downtime or disruption are not an option.



## HERITAGE

Heritage or listed buildings typically have additional restrictions on disrupting the fabric of the building by breaking walls or adding trunking.

In this case, it may be easier to install surface-mounted wireless products to meet fire system requirements.



## TEMPORARY

Temporary or Retail structures can have restrictions on allowable modifications or need to be installed in a short timeframe.

Reach can be surveyed ahead of time, off-site, and physically installed very quickly to minimise time onsite or downtime of the building.

# Why choose Reach Wireless?

Reach Wireless is Ampac's latest hybrid range.

It delivers optimised radio coverage while minimising battery use, which gives greater flexibility and enhanced performance compared with a wired system.



## **FLEXIBLE**

system for *'hard to wire'* applications

## **EXTEND**

an Ampac wired system seamlessly



## **RELIABLE**

design that meets AS7240:25

## **REGULARLY**

monitored by the panel for signal integrity



## **PRACTICAL**

installation that saves time and effort

## **TRAINING**

online and in-person to reinforce best practice



## **COMPLETE**

system with Dual Optical Detectors & VADs

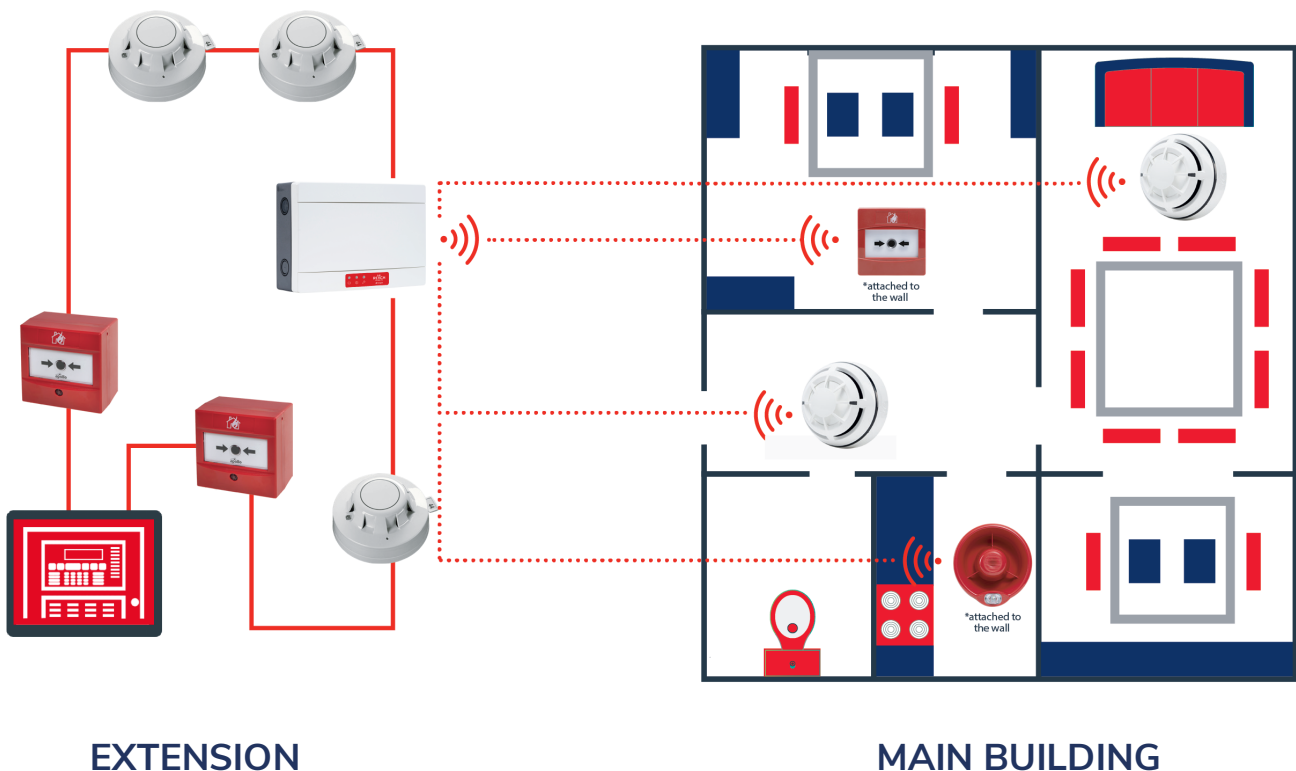
## **SURVEY KIT**

for easy onsite surveying and commissioning

# System Architecture

## Product Features

- Up-to 32 wireless devices per loop-interface
- 100m radio range (clear line of sight)
- 44 RF channels in redundancy pairs, enabling reliable wireless connection
- Multi-angle antennas to maximise signal coverage
- Up-to 10 interfaces per loop, powered by the loop
- Built-in short-circuit isolator
- Compatible with all Ampac wired addressable systems



This example illustrates XP95 detectors however any addressable range can be used in combination with the Reach Wireless range.

# A Comprehensive System

Reach Wireless offers a wide range of AS7240:25 approved solutions to help overcome installation barriers.

## Detectors



### Item Numbers

4106-5400	Reach Standard Base (white)
4106-5401	Reach Optical Smoke Detector AS7240:7
4106-5402	Reach Heat Detector AS7240:5
4106-5403	Reach Multi-Sensor Detector (Optical/Heat) AS7240:5&7
4106-5420	Reach Standard Base (black)
4106-5421	Reach Optical Smoke Detector (black) AS7240:7
4106-5422	Reach Heat Detector (black) AS7240:5
4106-5423	Reach Multi-sensor Detector (Optical/Heat) (black) AS7240:5&7

## Audio Visual



### Item Numbers

4107-8401	Reach Sounder Base (white) AS7240:3
4107-8402	Reach Open-Area Sounder - Red Body AS7240:3
4107-8403	Reach Open-Area Sounder - White Body AS7240:3
4107-8411	Reach Sounder VAD Base (White-Flash) (C-3-15) AS7240:3&23
4107-8412	Reach Sounder VAD Base (Red-Flash) (C-3-10) AS7240:3&23
4107-8413	Reach Open-Area Sounder VAD Cat.W - Red Body (White Flash) (W-2.5-7) AS7240:3&23
4107-8414	Reach Open-Area Sounder VAD Cat.W - White Body (White Flash) (W-2.5-7) AS7240:3&23
4107-8421	Reach Sounder Base (black) AS7240:3
4107-8422	Reach Sounder VAD Base (White Flash) (C-3-15) (black) AS7240:3&23



# A Comprehensive System

Reach Wireless offers a wide range of AS7240:25 approved solutions to help overcome installation barriers.

## Interfaces



### Item Numbers

4105-5101	Reach Manual Call Point AS7240.11
4110-2101	Reach XP95 Protocol Loop Interface Module (white) AS7240.17 & 18
4110-2103	Reach Input Module AS7240.18
4110-2104	Reach Output Module AS7240.18
4110-2105	Reach Remote Indicator Module
4110-2121	Reach XP95 Protocol Loop Interface Module (black) AS7240.17 & 18

## Accessories

### Item Numbers

4110-2100	Reach Survey Kit Lite
4107-8404	Reach AV Base Cap - White
4107-8405	Reach AV Base Cap - Red

To view the latest product options & information, visit: [www.ampac.net](http://www.ampac.net)

# Contact Us

## We're here to help!

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# Online Support

Find your comprehensive installation guide and datasheet online on [www.ampac.net](http://www.ampac.net)

Stay up to date with Ampac's latest products and software updates on our social media:



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