

## FRHT Wireless Thermal Detector

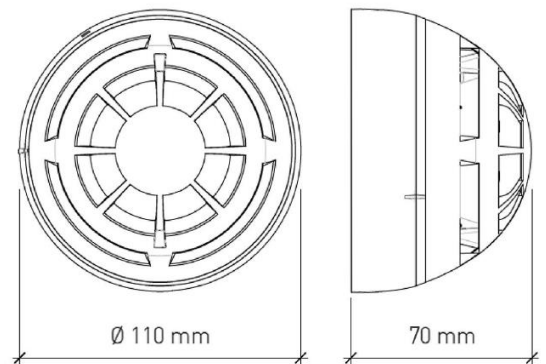
The FRHT is a **Digital Distributed Intelligence wireless thermal detector**. It is the 'next generation' in wireless detector technology and the detector is designed for open area protection giving the best possible warning of a fire condition in locations where smoke detection technology is not suitable.

The device is capable of being configured as either a high temperature or rate of rise device type. It also incorporates a magnet test facility is also included.

With a unique approach to programming and configuration software, the detectors are learnt into the system and addressed by simply holding the device's 'QR' code near the camera on your laptop, it then appears on the screen and is ready for programming.

Powered by 2 CR123A batteries (1 primary and 1 secondary) the device has an impressive **10-year** battery lifespan. Once the primary battery has reached the end of its life a maintenance warning is sent to the CIE and the secondary battery continues to power the detector for typically 3 months.

This detector is characterised by an aesthetically pleasing low profile and is specifically designed for the Fusion DDI protocol.



## Key Features

- Rate of rise or fixed temperature programmable
- Bi-directional wireless communication
- 66 wireless channels
- 50-75m communication range with the expander modules or field devices in internal environments (subject to survey)
- Dual channel redundancy
- 10-year battery life
- Utilises standard low-cost lithium battery technology (2x CR123A)
- Device identification tab
- Fast test feature for engineer testing
- Easy scan & link programming option
- Security screw to prevent tampering and unwanted removal
- 3rd party certified to AS 7240.5, AS 7240.13 & AS ISO 7240.25
- Utilises the Fusion Digital Distributed Intelligence protocol with high noise rejection
- Dual tri-colour LEDs providing 360° cone of visibility
- Magnet test facility
- Tamper switch to indicate if the device is removed from its base

## Specifications

- Operating frequency range 916 MHz
- Max radiated power 14dBm (25mW)
- Multiple/redundant frequency channels options
- Dimensions 110mm x 70mm
- Weight (without batteries) 155 g
- Batteries 2x CR123A
- Operating Temperature -10°C to +70°C (performance may vary at extremes of range)
- Max humidity (non condensing) 95% RH
- IP rating 40

## JAS-ANZ Certified Australian Approvals

- AS 7240.5 Point Type Smoke Detectors
- AS7240.13 Compatibility
- AS ISO 7240.25 Radio Transmission Paths Certificate
- CertMark Number PC10065



## Part Numbers & Options

- FRHT Digital Wireless Thermal Detector c/w Base & Batteries

