

FF Data Sheet | Taurus 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.



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
- Multiple/redundant frequency channels options

Specifications

Operating frequency range	916 MHz
Max radiated power	14dBm (25mW)
Dimensions	110mm x 70mm
Weight (without batteries)	155 g
Batteries	2 x CR123A
Operating Temperature	-10C to +55C (performance may vary at extremes of range)
Max humidity (non-condensing)	95% RH
IP rating	40

Certification & Approval

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

Part Numbers & Options

FRHT	Wireless DDI Addressable Thermal Detector Selectable ROR or Fixed Temperature
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Diagram:

