SWIFT®
Intelligent Wireless Detectors

NOTIFIER® by Honeywell

Intelligent Wireless Devices

General

SWIFT® wireless detectors are intelligent (addressable) detectors which provide secure, reliable communication to the Fire Alarm Control Panel (FACP) across redundant communication mesh network. Wireless detectors create an opportunity for applications where it is costly (concrete walls/ceilings, buried wires), obtrusive (surface mount conduit), or possibly dangerous (asbestos) to use traditional wired devices. In addition, both wired and wireless devices can be present on the same Fire Alarm Control Panel providing an integrated wired-wireless solution for increased installation potential.

The SWIFT detection line includes a photoelectric, acclimate®, standard and fixed heat, detectors. The photoelectric detectors transmit a digital representation of smoke density through a wireless mesh to a gateway and on to a FACP. The acclimate detectors combine a photoelectric chamber and a 57deg C fixed temperature heat detector. acclimate can also transmit an alarm signal due to heat. The fixed heat detector utilize sensors designed for open area protection. all sensors offer addressable code wheels and two LED's.

The LED's are controlled by the panels. Operation modes include red, green, and amber colors with various solid or blink patterns. The mesh network within the SWIFT system creates a child parent relationship between the devices so that each device has two parents providing a second path for communications on every device If one device can no longer operate for any reason, the rest of the devices can still communicate with each other, directly or through one or more intermediate devices. The SWIFT system also engages frequency hopping to prevent system interference whether intentional or accidental.



FWH-200FIX135AUS Wireless fixed-temperature (57° C) heat detector

Features & Benefits

- Wireless installation
- Redundant communication mesh network
- Addressable code wheels
- Commercial applications
- Compliant to Australian (AS ISO 7240) and New Zealand (NZ 4512) Standards
- Frequency hopping
- Bi-directional communications

Specifications

PHYSICAL / OPERATING SPECIFICATIONS

Height : 61 mm installed in B501W base

Diameter : 102mm installed in B501W base

Device Weight (includes 4 batteries) : 261 g installed in B501W base

Operating Temperature Range : Photo: -10 to 49°C; Acclimate with Heat: -10 to 49 C

Air Velocity : Acclimate with Heat: 0 to 4,000 fpm (0 to 20 m/sec)

Operating Humidity Range : 10% to 93% non-condensing

Thermal Ratings : Fixed Temperate Set Point: 57°C

ELECTRICAL SPECIFICATIONS

Maximum Operating Voltage : 3.3 VDC

Maximum Standby Current : 210µA @ 3.3 VDC (one communication every 23.9 seconds with LED blink enabled)

Maximum Alarm Current (LED on) : 5 mA @ 3.3 VDC (LED on)

Radio Frequency Range : 915-928 MHz

Agency Listings and Approvals

These listings and approvals apply to the modules specified in this document. In some cases, certain modules or applications may not be listed by certain approval agencies, or listing may be in process. Consult system consultant for latest listing status.

AS ISO 7240.25:2015

AS 7240.7-2004

AS 7240.5-2004

Approved to NZ 4512:2021, FPANZ Listed

* Compliant with ACMA Radiocommunications Class 2000 and Class 2002 National Rules.

Ordering

FWD-200PAUS : Wireless photoelectric smoke detector for use with the FWSGAUS wireless gateway

FWD 200ACCLIMATEAU : Wireless Acclimate detector for use with the FWSGAUS wireless gateway

FWH-200FIX135AUS : Wireless fixed-temperature (57° C) heat detector for use with the FWSGAUS wireless gateway

FWSGAUS : FlashScan® Wireless Gateway

B501W : 4" (102mm) wireless mounting base

W-USBAUS : Software interface (via USB port) for computers running the SWIFT Tools programming utility

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We try to keep our product information up-to-date and accurate.
We cannot cover all specific applications or anticipate all requirements.
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