NOTIFIER®
by Honeywell

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SWIFT™: Smart Wireless Integrated Fire Technology

NOTIFIER is pleased to introduce the SWIFT™ wireless fire detection system

Overview
When "you can't get there from here," wireless protection can be the answer. SWIFT wireless sensors give you new options for applications such as:

- Difficult or impossible to wire
- Visually sensitive or historical integrity
- Restricted access – hazardous or secure
- Temporary construction
- Retrofit
- Tight deadlines

SWIFT intelligent wireless devices are **configured with current ONYX AFP-3030 panels** to create an **integrated hybrid system** comprised of **intelligent wired and wireless devices**. One or more SWIFT wireless gateways may be connected to the FlashScan SLC loop of the panel to provide individual annunciation and control of each device, as well as all of the features and benefits of ONYX AFP-3030 intelligent sensing. The ONYX AFP-3030 control panel or primary display provides annunciation and control functions for all wired and wireless devices in the system, so that operators deal with a **single interface for the combined system**.

Sensor appearance can be an important factor, and the SWIFT wireless detectors were designed to maintain a **consistent, low-profile appearance** very similar to corresponding wired devices, so that they fit in where appearance is important. Four CR-123A lithium batteries are required for each detector or module, providing SWIFT wireless with an expected battery life of 2 years.

Reliability is critical for wireless systems. SWIFT uses a proprietary cascading wave spread spectrum **mesh protocol with supervised redundant communication** for each device that has been approved to Australian Standard.

"Cascading Wave" means that wireless devices **operate cooperatively** to pass messages progressively through a network by **multiple paths**. All devices are inherently acting as repeaters, so additional devices can be strategically added to a wireless mesh to act as repeaters where necessary, providing a cost-effective means to access remote areas or to insure robust communication in specific areas.

Proper system application and design is fundamental for reliable wireless operation, and SWIFT wireless provides tools to pre-qualify application sites, configure systems with robust communication links, and analyse and adjust system performance. **SWIFT TOOLS** is a software suite that includes utilities for **Site Survey, Mesh Configuration, and Diagnostics**. SWIFT TOOLS is available as a download from Notifier.com.au, and can be installed on a Window PC. Note that a USB radio/antenna is required to use SWIFT TOOLS: part number W-USBAUS.

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Important Notes

The NOTIFIER SWIFT AUS product line operates in the 915-928 MHz frequencies, and complies with ACMA Radio communications Class 2000 and Class 2002 National Rules, and is being launched for Australia at this time. Other regions/countries have differing requirements for wireless operation that preclude local approval of the version of SWIFT products described in this document.

SWIFT Components

Item code	Description	Details
FWSGAUS	FlashScan Wireless SWIFT Gateway	One SWIFT Gateway is required for each wireless mesh, and supports up to 49 SWIFT detectors or modules. Connects to the SLC loop of an ONYX AFP-3030 panel using FlashScan protocol. 24VDC power supplied by SLC connection (or optional separate 24VDC input).
FWD-200PAUS	FlashScan Wireless Detector, Photo	Intelligent SWIFT photo detector. Requires one B501W base for installation. Requires (4) CR-123A batteries (included).
FWD-200ACCLIMATEAU	FlashScan Wireless heat and photo detector, Acclimate	Intelligent SWIFT Acclimate detector provides the Acclimate features: advanced sensing using combined heat and smoke sensor information, and the ability to automatically adjust sensitivity based on ambient changes in the environment. Requires one B501W base for installation. Requires (4) CR-123A batteries (included).
FWH-200FIX135AUS	FlashScan Wireless Fixed temperature Heat Detector (57^0)	FlashScan intelligent wireless Fixed temperature heat detector (57^0). Requires one B210 base for installation. Requires (4) CR-123A batteries (included).
B501W	Detector base used for wireless detectors	Includes a built-in magnet so that wireless devices can establish installed and tampered states.
FW-MMAUS	FlashScan Wireless Monitor module	Used to monitor devices with mechanical contact actuation. Ships with a special cover with a tamper magnet built in. Recommended for installation in a SMB500 box (ordered separately) rather than a metal backbox for best performance. Requires (4) CR-123A batteries (included).
-	NOTIFIER SWIFT TOOLS	Programming and diagnostic utility. Free download from Notifier.com.au. For installation on a (typically laptop) PC running Windows™. Requires the W-USBAUS radio/antenna for communication with SWIFT Wireless devices.
W-USBAUS	Wireless USB radio/antenna	Plugs into the USB port of a PC running SWIFT TOOLS. The W-USBAUS provides a communication link with SWIFT Wireless devices that are within reach and have not formed a mesh. Alternately, when the devices have formed a mesh, bringing the PC/W-USBAUS within range of the gateway for that mesh will establish communication between SWIFT TOOLS and all devices in the mesh.

Customer information for NOTIFIER SWIFT products is available on www.notifier.com.au

Resources & Support:

Please contact your Honeywell Systems Consultant to discuss specific application or support questions. Technical questions should be directed to Honeywell technical support. **Tel: 1800 220 345 (Toll Free)**