SWIFT®
Intelligent Wireless Modules

NOTIFIER® by Honeywell

Intelligent Wireless Devices

General

SWIFT® wireless modules are intelligent (addressable) modules which provide secure, reliable communication to the Fire Alarm Control Panel (FACP) across a redundant communication mesh network. Wireless modules 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 FACP providing an integrated wired-wireless solution for increased installation potential.

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.

The SWIFT monitor module is intended for use with a wireless gateway to interface with a device having contacts used to signal status conditions. It is designed to provide an interface to contact devices such as security contacts, waterflow switches, or pull stations. The input to the monitor module is non-latching and does not require a reset. The device has a panel controlled LED indicator.

The devices communicate across the mesh network through a gateway to the FACP. The FACP views the SWIFT wireless device and another addressable device on the system providing similar detection functions and outputs as a wired counterpart.



FW-MMAUS Wireless monitor module

In addition, both wired and wireless devices can be present on the same FACP to meet the needs of a given application. A SWIFT wireless system can use any combination of modules, smoke, or heat detectors

Features

- 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

Monitor module Specifications

PHYSICAL / OPERATING SPECIFICATIONS

Dimensions : Height 114.3mm Width 114.3mm Depth 38.1mm.

Device Weight (includes 4 batteries) : 224 g.
Operating Temperature Range : -10 to 49ºC.
Operating Humidity Range : 10% to 93% non-condensing.

ELECTRICAL SPECIFICATIONS

Maximum Operating Voltage : 3.3 VDC.

Average Operating Current : 210µA, 3.9 EOL.
Maximum Current Draw : 5 mA (LED on).

EOL Resistance : 3.9K Ohms.
Maximum IDC Wiring Resistance : 10 Ohms.
Maximum IDC Voltage : 3.2 Volts.
Maximum Average IDC Current : 5.5µA.
Maximum Transmit RF Power : 17 dBm.
Radio Frequency Range : 915-928 MHz.

BATTERY SPECIFICATIONS

Battery Type : 4 Panasonic CR123A or 4 Duracell DL 123A.

Battery Life : 2 years.

Battery Replacement : Upon BATTERY LOW or BAT LOW. display and/or during annual maintenance.

Ordering

FW-MMAUS : Wireless monitor module for use with the FWSGAUS wireless gateway. Includes 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. Ships with 4 Panasonic CR123A or 4 Duracell DL123A batteries.

FWSGAUS : FlashScan® Wireless Gateway W-USBAUS.

W-USBAUS : Wireless USB radio/antenna dongle that plugs into the USB port of a PC running SWIFT Tools.

SMB500 : Optional surface-mount backbox.

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 ISO 7240.18:2015**

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

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