

FEATURES

- ✓ Wireless installation
- ✓ Redundant communication mesh network
- ✓ Addressable code wheels
- ✓ Commercial applications
- ✓ AS compliant and agency listed
- ✓ Frequency hopping
- ✓ Bi-directional communications



PRODUCT DESCRIPTION

SWIFT wireless modules are intelligent (addressable) modules which provide secure, reliable communication to the AFP-3030 Control Panel 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 AFP-3030 Control Panel providing an integrated, wired-wireless solutions 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 AFP-3030 Control Panel. The AFP-3030 Control Panel views the SWIFT wireless device and another addressable device on the system, providing similar detection functions and outputs as a wired counterpart. In addition, both wired and wireless devices can be present on the same AFP-3030 Control Panel to meet the needs of a given application. A SWIFT wireless system can use any combination of modules, smoke or heat detectors.

TECHNICAL SPECIFICATIONS

| | |
|---|----------------------------|
| Dimensions | 115mm H x 115mm W x 38mm D |
| Device Weight (Includes 4 Batteries) | 224g |
| Operating Temperature Range | -10 to 49°C |
| Operating Humidity Range | 10% to 93% non-condensing |

ELECTRICAL SPECIFICATIONS

| | |
|-------------------------------|----------------|
| Maximum Operating Voltage | 3.3Vdc |
| Average Operating Current | 210uA, 3.9 EOL |
| Maximum Current Draw | 5mA (LED on) |
| EOL Resistance | 3.9K Ohms |
| Maximum IDC Wiring Resistance | 10 Ohms |
| Maximum IDC Voltage | 3.2V |
| Maximum Average IDC Current | 5.5uA |
| Maximum Transmit RF Power | 17dBm |
| Radio Frequency Range | 915-928MHz |

BATTERY SPECIFICATIONS

| | |
|---------------------|--|
| Battery Type | 4 Panasonic CR123A or 4 Duracell DL 123A |
| Battery Life | Approximately 2 years |
| Battery Replacement | Upon “battery low or “batt low” display and/or during annual maintenance |

AGENCY LISTING 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 approvals 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.

ORDERING INFORMATION

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|------------------|---|
| SWIFT-MM | Wireless monitor module for use with the SWIFT-GW 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. |
| SWIFT-GW | FlashScan Wireless Gateway |
| SWIFT-USB | Wireless USB radio/antenna dongle that plugs into the USB port of a PC running SWIFT Tools |
| SS-SMB500 | Plastic mounting box for modules (dimensions: 125mm H x 125mm W x 52mm D) |