Less Wire. More Opportunities.
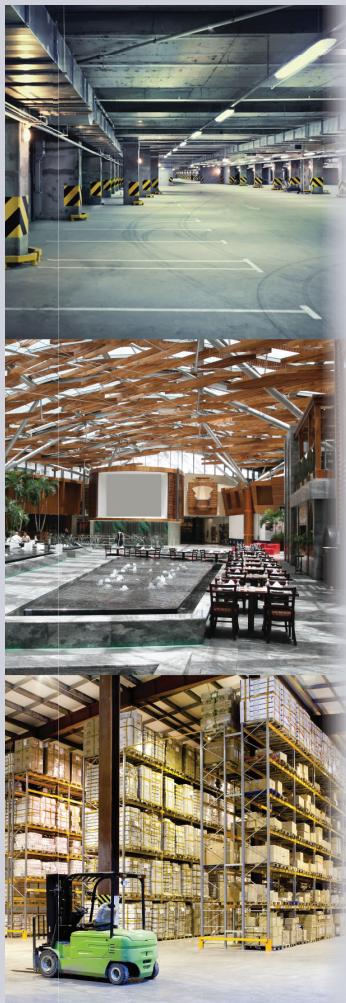
New fire alarm system installations and retrofits can be complex and costly. This is due to building construction, aesthetics, and hazardous materials, which all pose challenges when installing fire alarm equipment and wiring. Fire-Lite Alarms solves these installation challenges and opens more opportunities by incorporating wireless technology into commercial fire alarm systems. Applications that are a good fit for wireless are parking garages, historical buildings, warehouses, or locations with concrete walls, ceilings or buried wires. When the location's aesthetics matter, the Fire-Lite SWIFT™ wireless detection system offers unobtrusive fire detection and eliminates the need for surface mount conduit when working with ornate building designs.

Why SWIFT™?

Fire-Lite Alarms' SWIFT™ wireless fire detection system detects fire, just like their wired counter-parts, while providing installation flexibility in a wireless format. Our wireless system can use any combination of Fire-Lite monitor modules, smoke and/or heat detectors. 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.

What is needed for a SWIFT™?

The system is designed to work with the MS-9200UDLS and MS-9600(UD)LS Fire-Lite addressable fire alarm control panels by connecting a wireless gateway (W-GATE), user interface (W-DIS-D), annunciator (ANN-80-W), and the wireless devices (detectors and modules). Installers may also employ a wireless transmitter (W-USB) which aids in the site survey, mesh formation, and diagnostics of the system.

How robust is SWIFT™ Wireless?

Unlike other wireless systems, the Fire-Lite SWIFT™ system is based on a true mesh network that provides multiple paths of communication for each device. This increases system survivability and reliability while the overall system design ensures a secure, robust solution

- Using Class A mesh technology, if one device is inoperable the rest of the devices will directly communicate with each other
- Automatically finds the strongest signal path for each device if the signal is lost or disrupted
- Wireless devices act as repeaters (unlike point to point systems), offering the freedom to extend your range of protection without additional costs
- Prevent outside interference, whether intentional or accidental with the use of frequency hopping
- With system response under 10 seconds and 200 second polling, SWIFT™ complies to UL Standards

Fire·Lite® Alarms
by Honeywell

Fire-Lite's Wireless Fire Detection System

Fire-Lite Alarms' SWIFT™ wireless fire detection system provides secure, reliable communication to the Fire Alarm Control Panel (FACP) across a Class A mesh network. Great for applications where it is costly, obtrusive, or possibly dangerous to use traditional wired devices.

W-GATE - Wireless Gateway
- Cascading Mesh Wireless Technology (902-928 MHz frequency)
- Mesh operation provides a verification of redundant communication paths
- Any wireless device can be added to act as a repeater
- Gateway supports up to 48 wireless devices
- Gateway assumes 3 SLC addresses on the FACP (does not include wireless devices)
- Up to 4 wireless networks can be installed with overlapping radio network coverage
- Site Survey feature allows for an evaluation of a site before the installation

W-SD355/W-SD355T - Wireless Photoelectric Smoke Detectors
- Unique single-source, dual-chamber design to respond quickly and dependably to a broad range of fires
- Withstands air velocities up to 4,000 feet-per-minute (20 m/sec.) without triggering a false alarm
- Factory preset at 1.5% nominal sensitivity for panel alarm threshold level
- Cascading Mesh Wireless Technology (902-928 MHz frequency)
- Any wireless device can be added to act as a repeater
- Requires (4) CR-123A batteries (included)

W-H355/W-H355R - Wireless Heat Detectors
- State-of-the-art thermistor technology for fast response
- Factory preset at 135°F (57°C) for the W-H355 and W-H355R
- Rate-of-rise triggers at 15°F (8.3°C) per minute for the W-H355R
- Cascading Mesh Wireless Technology (902-928 MHz frequency)
- Any wireless device can be added to act as a repeater
- Requires (4) CR-123A batteries (included)

W-MMF - Wireless Addressable Monitor Module
- Standard-sized module that supervises a Style B (Class B) circuit of dry contact input devices
- Cascading Mesh Wireless Technology (902-928 MHz frequency)
- Any wireless device can be added to act as a repeater
- Requires (4) CR-123A batteries (included)

W-DIS-D - Wireless Display Driver
- Receives wireless specific information directly from the mesh network
- Connects to an ANN-80-W to display wireless specific events (such as low battery)
- Uses standard ANN-BUS protocol to communicate with the ANN-80-W
- Powered from a 24V power supply

ANN-80-W - White Annunciator
- Connects to a W-DIS-D to display wireless specific events (such as low battery)
- Uses standard ANN-BUS protocol to communicate with the W-DIS-D
- Powered from a 24V power supply
- Surface mount directly to wall or to single, double, or 4"square electrical box
- Semi-flush mount to single, double, or 4" square electrical box
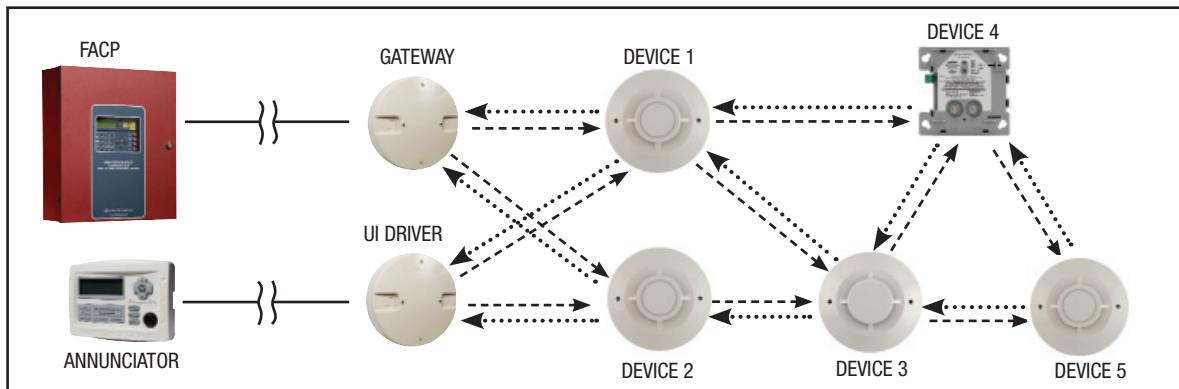
Visit www.firelitewireless.com for more information

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