

Signalink™ Bridge

Wireless Supervisory System

Application

The Signalink Bridge can monitor any dry-contact switch such as tamper or flow switches and transmit their status wirelessly to any fire alarm panel. The Signalink Bridge uses a wireless transmitter, installed with the switch being monitored, and a wireless receiver, installed with the fire alarm panel, to fully monitor the switch's state.

Common Questions

Q: Can a receiver be paired to multiple transmitters?

A: No. Each transmitter must be paired to a single receiver. If repeaters are needed to extend coverage, repeaters must be also paired to that receiver.

Q: How many repeaters can be used to extend the range of the Signalink Bridge?

A: A maximum of 3 repeaters may be used with a transmitter/receiver pair.

Q: What is the range of the Signalink Bridge?

A: Maximum clear line-of-sight communication is approximately 800 feet between devices. Nearby metal objects can greatly reduce signal strength.

Q: Can the receiver connect to any fire panel or releasing panel?

A: Yes. The receiver output is a dry contact, there is no panel compatibility listing requirement.

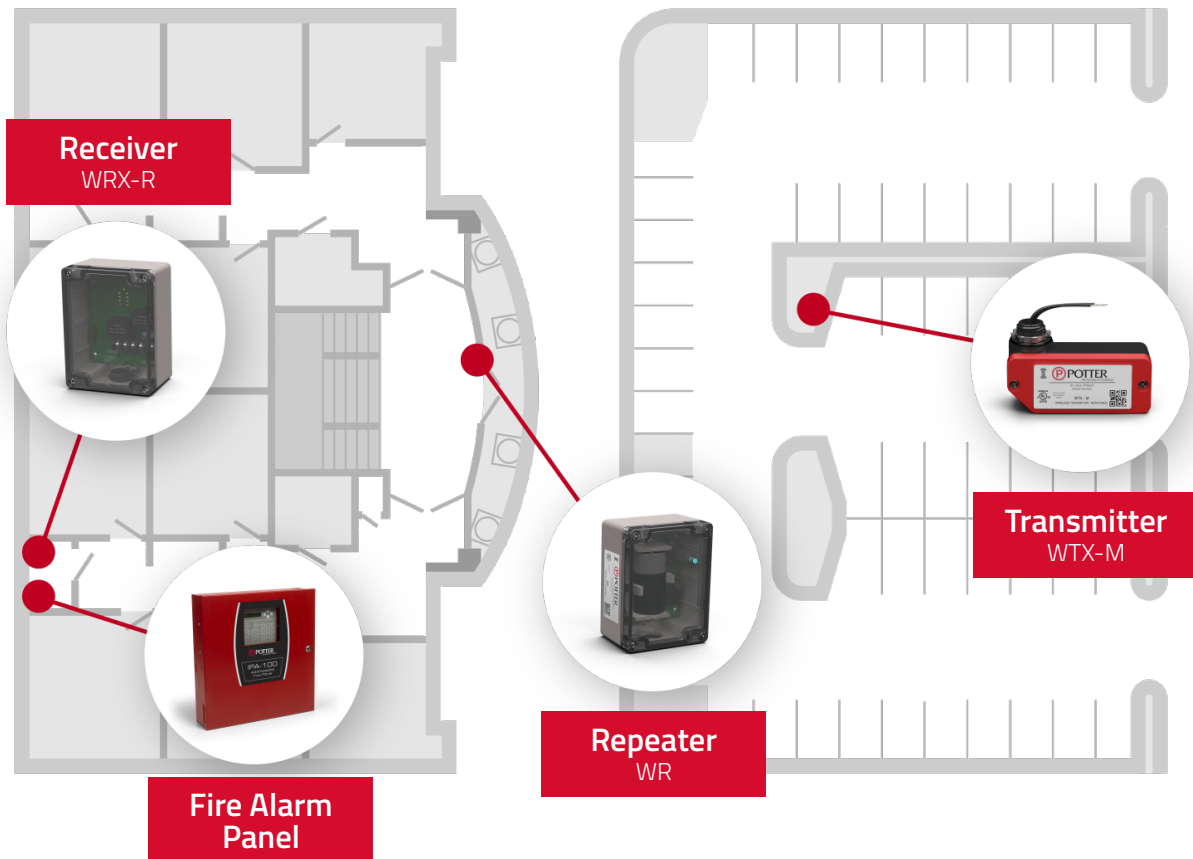
Ordering Information

Model	Description	Part #
WSS	Signalink Wireless Kit (WRX-R + WTX-M)	3008040
WRX-R	Signalink Wireless Receiver	3008020
WTX-M	Signalink Wireless Transmitter	3008001
WR	Signalink Wireless Repeater	3008030
	Signalink Wireless Setup Tool	3998000



- ✓ **Compatible with any dry-contact switch**
- ✓ **Compatible with any fire alarm panel**
- ✓ **Eliminates trenching parking lots**
- ✓ **Ideal for temporary systems during construction**
- ✓ **Supervises wiring to connected devices**
- ✓ **2.4 GHz band and repeaters for long range operation**
- ✓ **Setup Tool for assisting installation and troubleshooting**

Post Indicating Valve Application



Additional Information

- ✓ Service use – NFPA 13, 13D, 13R and 72
- ✓ Polycarbonate enclosures suitable for indoor and outdoor use
- ✓ Enclosure rating – NEMA 4 (IP66) -40 F to 120 F
- ✓ Power requirements
 - ✓ WTX-M Transmitter – Lithium iron disulfide (LiFeS_2) batteries
 - ✓ WR Repeater – 24 VDC power supply or lithium thionyl chloride (Li/SOCl_2) battery
 - ✓ WRX-R Receiver – 24 VDC power supply (panel aux. power or power supply)
- ✓ WTX-M transmitter can connect to any dry contact switch not classified as explosion proof
- ✓ WRX-R receiver connects to any fire panel or monitor module that accepts dry contact inputs
- ✓ Conforms to FCC and Canadian Department of Communications regulations