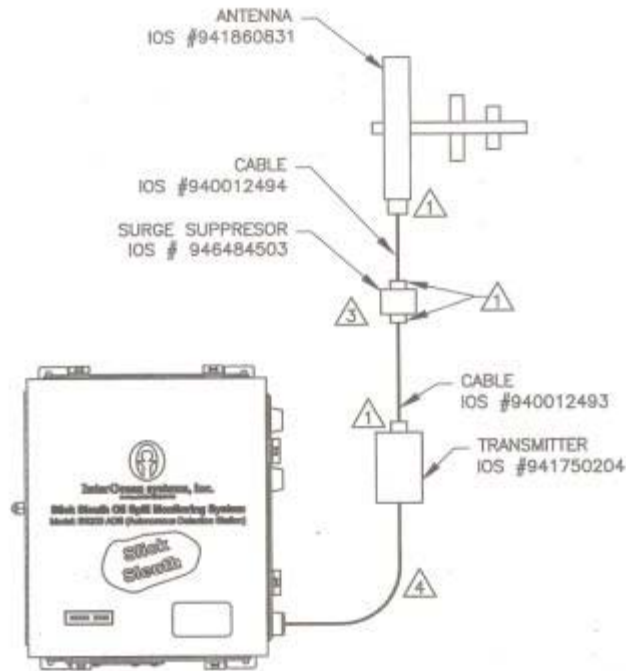


Slick Sleuth™

WIRELESS TELEMETRY



The Slick Sleuth™ Wireless Telemetry option is a 900 MHz frequency hopping spread-spectrum transmitter and receiver system. – Other frequencies and radio types are available. Please consult with a Slick Sleuth Sales Engineer.

The Wireless Telemetry provides a one-way communication link between a remote Slick Sleuth Oil Spill & Alarm Detector and a central control center. Transmission distances can be up to several miles (line-of-sight unobstructed).

The Wireless Telemetry option includes an external extended range YAGI (unidirectional) transmission antenna and an external OMNI (Omni-directional) receiver antenna.

Note: The correct antenna placement and positioning is extremely important to assure maximum performance. The OMNI receiver antenna is to be kept vertical and mounted as high as reasonably possible to maintain line-of-sight and to eliminate obstructions. The YAGI transmission antenna should also be mounted as high as reasonably possible and oriented directly toward the OMNI receiver antenna.

- Discrete Signal – Oil Detection Relay
- Discrete Signal – Equipment Status Relay
- Analog Signal – Current Loop 4-20 Option

Specifications:

Technology:
 Frequency Hopping Spread-Spectrum
 Frequency: 902 - 928 MHz (Other Frequencies Available)
 Range (Line of Sight / Unobstructed): 2 to 5 miles (typical)
 Transmit Power: 1 Watt
 Source Power Requirements: 120 VAC
 Outputs (Receiver): 1 x 4-20 mA Analog (12-bit resolution)
 2 x 120 VAC 0.5 A Discrete (dry contact)
 Maximum Relay Current (Receiver): 0.5 A @125 VAC
 Discrete (1,2 and RF Link)



Photograph provided by City Water, Light & Power

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