

**Slick  
Sleuth™**

## **SLICK SLEUTH SS100 & SS100-EXd OIL SPILL DETECTION & ALARM**

**REDUCE YOUR RISK!**

**DETECT LEAKS • PREVENT SPILLS**



- **REAL-TIME OIL DETECTION & ALERT**
- **Payback with Single Event Detection**
- **Compact, NON-CONTACT Sensor**
- **All-Weather Ex d Housing\***

\* Slick Sleuth SS100-EXd & Non-EXd Models Available



Retention Pads & Drains



Separators & Discharges



Sumps, Wet Pits, Catchments



Secondary Containments

Slick Sleuth model SS100 & SS100-EXd Oil and Fuel Detection Sensors are designed for installation in aboveground storage tank (AST) facilities, oil terminals, equipment rooms, or anywhere early-warning leak and spill detection is warranted. Oil detection sensors can be used at single points, or in a system array, to continuously monitor for accidental leaks and spills. In response to ever-increasing regulatory pressure and the need for environmental awareness, Slick Sleuth provides facilities/personnel with ability to automatically detect spills, minimizing the risk (and cost!) of oil spill clean-up, mitigation, fines, and public relations nightmares.

A broad range of oil types are detected by Slick Sleuth including crude, fuel, lube, transformer, compressor, diesel, jet and others. Automated real-time detection triggers local alarms and/or interfaces directly to facilities' monitoring and control systems (e.g. DCS, SCADA) for early-warning alert, containment and response. The robust sensor package is designed for all-weather installation and the Model SS100-EXd is fully EX-certified for use in hazardous gas environments. Installation and setup is simple and the non-contact optical system requires minimal maintenance (equivalent to a surveillance camera). Payback occurs with a single-detection, making the system highly cost-effective, while allowing operators and managers to sleep better at night.

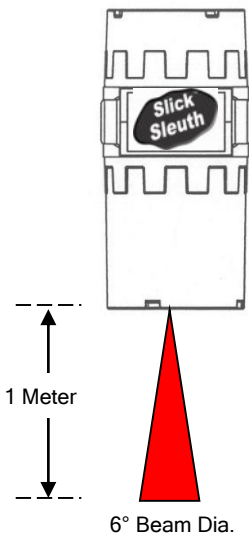
Please contact us for a **REAL-TIME SOLUTION TODAY!**

**InterOcean Systems, LLC – Environmental Systems Division**

3738 Ruffin Road – San Diego, CA 92123 USA

Phone: (858) 565-8400 – Fax: (858) 268-9695

Email: [Sales@SlickSleuth.com](mailto:Sales@SlickSleuth.com) – [www.SlickSleuth.com](http://www.SlickSleuth.com)



# Specifications

Models:	Slick Sleuth SS100	P/N 4738568600-21
	Slick Sleuth SS100 EXd	P/N 4738568600-20
Operation:	Automated, Optical, Non-Contact Sensor Continuous Monitoring for Presence of Oil Patented Technology (UV Filter-Fluorimeter) Detection of Crude, Fuel Oil, Diesel, Lube, Transformer and Many More (Contact Factory for Specific Oil Types)	
Sensitivity:	1 +/- Micron Sheen	
Detection Range:	1-Meter (Over Ground or Water) for Sheen-Level Sensitivity	
Temperature:	-10° to +60° C Operating (-25° C with Optional AC Heater) -40° to +75° C Non-Operating	
Enclosure:	Cast Aluminum / Polyester Powder Coating NEMA 4X / IP66 Watertight Explosion Proof Instrument Housing (See Zone Ratings)	
Certifications:	CE Marked Conforms to US EPA Standards (EPA/530 / UST-90/009)	
Zone Ratings:	<b>Model SS100 EXd only:</b> ATEX: II 2 G Ex db IIB+H <sub>2</sub> T6 Gb IP66 IECEX: Ex db IIB+H <sub>2</sub> T6 Gb IP66	
Ports:	Power In and Signal Out	
Mounting:	Mounting Boss for Surface or Pole Mounting	
Dimensions:	6" x 6" x 11" / 16cm x 16cm x 28cm (DxWxH)	
Weight:	10 lbs. / 4.5 kg	
Input Power:	85-264v AC (50/60 Hz), 9-28v DC - Standard	
UV Light Source:	Xenon Flash - Focused Beam	
Xenon Flash Life:	5 Years (Typical) at 2 Hz Sampling Rate - Field Replaceable	
Signal Output:	(1) Oil Detection Relay (SPST) - Normally Open (2) Status Relay (SPST) - Normally Closed (3) Current Loop 4-20 mA Analog (Status & Detection) (4) Serial RS485	
Web Portal:	Password Accessed Web User Interface (WUI) - <i>Optional</i>	
Initialization:	Magnetic Switching to Automatically Set Operation Point	
Local Interface:	USB Interface for Set-up & Maintenance	
Local Indicator:	LED Indication of Status/Power	
Patented By:	InterOcean Systems, LLC	
Warranty:	2-Years standard InterOcean Systems' Factory Warranty	



Storm Water / Cooling Water



Tanks & Terminals / Dikes & Roof Drains



Marine Terminals / O&G / Industrial Sites