



## Spot Water Detection Sensor

The Spot Water Detection Sensor is an advanced microprocessor based design capable of detecting distilled water.

The Spot Water Detection Sensor is an exclusive design capable of detecting the presence of even distilled water. The spotWater detector contains microprocessor controlled capacitance measuring circuitry.

This is far more precise than standard commercially available water detectors which measure the resistance of water. The resistance of water can vary depending upon the impurities in the water. Normal resistance type monitors are unable to detect the presence of distilled water due to its high resistance.

The entire circuit is encased in epoxy allowing the Spot Water Detection Sensor to function while submerged in water. The Spot Water Detection Sensor will retain any error condition until it is read via an snmp get. Therefore if a Spot Water Detection Sensor encounters a critical condition at any time it will report that condition before it returns to a normal state. The Spot Water Detection Sensor detects water leaks and flooding with a WET/DRY indication in software. SNMP polling via snmp get is available.

Web browser interface available. When an alarm condition is activated the description and location of the fault can be sent via an email or SNMP trap on the sensorProbe.

### Spot Water Detection Sensor's Main Features

- **Powered by the SensorHawk or Securithawk base units.**  
**No additional power needed.**
- **Power Consumption: Typical 61.85 mWatt, 12.37mA**
- **base unit auto detects the presence of the water sensor.**
- **Up to 2 Spot Water Detection Sensor per base unit.**
- **Full autosense including disconnect alarm**

## Technical Specifications

**Measurement Range :** Wet or Dry ( -20°C +60°C)

**Measurement Accuracy :** able to measure distilled water

**Sensor Type :** patent pending, microprocessor controlled, capacitance measurement technology

**Communications Cable :** RJ45 jack to sensor using UTP Cat 5 wire, Maximum extension cable length 150m (500 ft.) with approved low capacitance shielded cable or UTP.

**Measurement Rate :** multiple readings every second