

Water Sensor (WS-7)

POWER:

Water Sensor uses 4 AAA alkaline batteries as its power source. The battery is good for at least 3 years before it needs changing.

The WATER SENSOR will only detect the low battery ($< 3.6V$) when an alarm has been activated. The low battery signal will be sent to the Control Panel along with the alarm signal transmission for the Control Panel to display the status accordingly.

NORMAL OPERATION:

Mount the Water Sensor on the wall whereas drop the black wire onto the floor level or any height that you want to detect the increasing water level.

When the probes first come in contact with water, Water Sensor sends out the alarm signal to the control panel.

With water condition persisting for 2 more minutes, Water Sensor sends the alarm signal to the control panel again.

Water Sensor sends a total of 2 alarm signals to the Control Panel per each water accident. Water Sensor then enters Sleep Mode. This means that no matter if the water level increases, it will not trigger the alarm anymore.

Data from sensor is ASK modulated, and then sent out at 315MHz.