

Wireless Tunnel™ Spot Water Sensor (WTS-WD)

Wireless Spot Water Sensor

This Wireless Tunnel™ sensor should be USB powered, with the internal battery as a backup power source. The spot water sensor will alarm when water is detected, using the same technology as our wired spot water detector, it can even detect the presence of de-ionised water.



WTS-WD - Technical Specification

Measurement Range	Wet or Dry
Sensor Type	Open/Closed contact input switch Patent pending, microprocessor controlled, capacitance measurement technology Able to measure distilled water
Sensors	Sensor Status Edge counter
Status Indication	LED indication for - Mode - Status - RSSI
Cable	1ft long
Operating Temperature	-20 °C~60 °C 4 °F~140 °F
Components	Manufactured using highly integrated, low power surface mount technology to ensure long term reliability.
Operating Environment	Temperature : Min. -35° C – Max.80° C Humidity: Min. 20% – Max. 80% (Non-Condensing)
LoRa (R) Radio Regional plans	- EU868 : 863~868Mhz, Max TX Power +14dBm, Duty Cycle 1% - US915: 903~915Mhz, Max TX Power +17dBm - AS923 : 920~925Mhz, Max TX Power +14dBm, Duty Cycle 1% - KR920 (Korea) : 922~923Mhz, Max TX Power +14dBm, Duty Cycle 1% - IL917 (Israel) : 915~917Mhz , Max TX Power +14dBm, Duty Cycle 1%
Certification	FCC Part15C, CE EN300220-2
Dimension	76x77x120mm
Mounting	Wall hanging, DIN rail, Pipe Clamp
Power source	Via micro-USB port 4x AA batteries for backup power
Power Consumption	Average 12 mWatt, 10uA in Idle, without sensor connected
Gateway sensor count	5 (3 + 2)
Important Note	AKCP does not recommend the WTS-WD Sensor to be placed on a conductive surface. If this is required, add the Insulation Coating P/N : WSIC to each WTS-WD Sensor ordered

WTS-WD - Technical Drawing

