

Wireless Battery 5 Dry Contact Sensor (WTS-DC5)

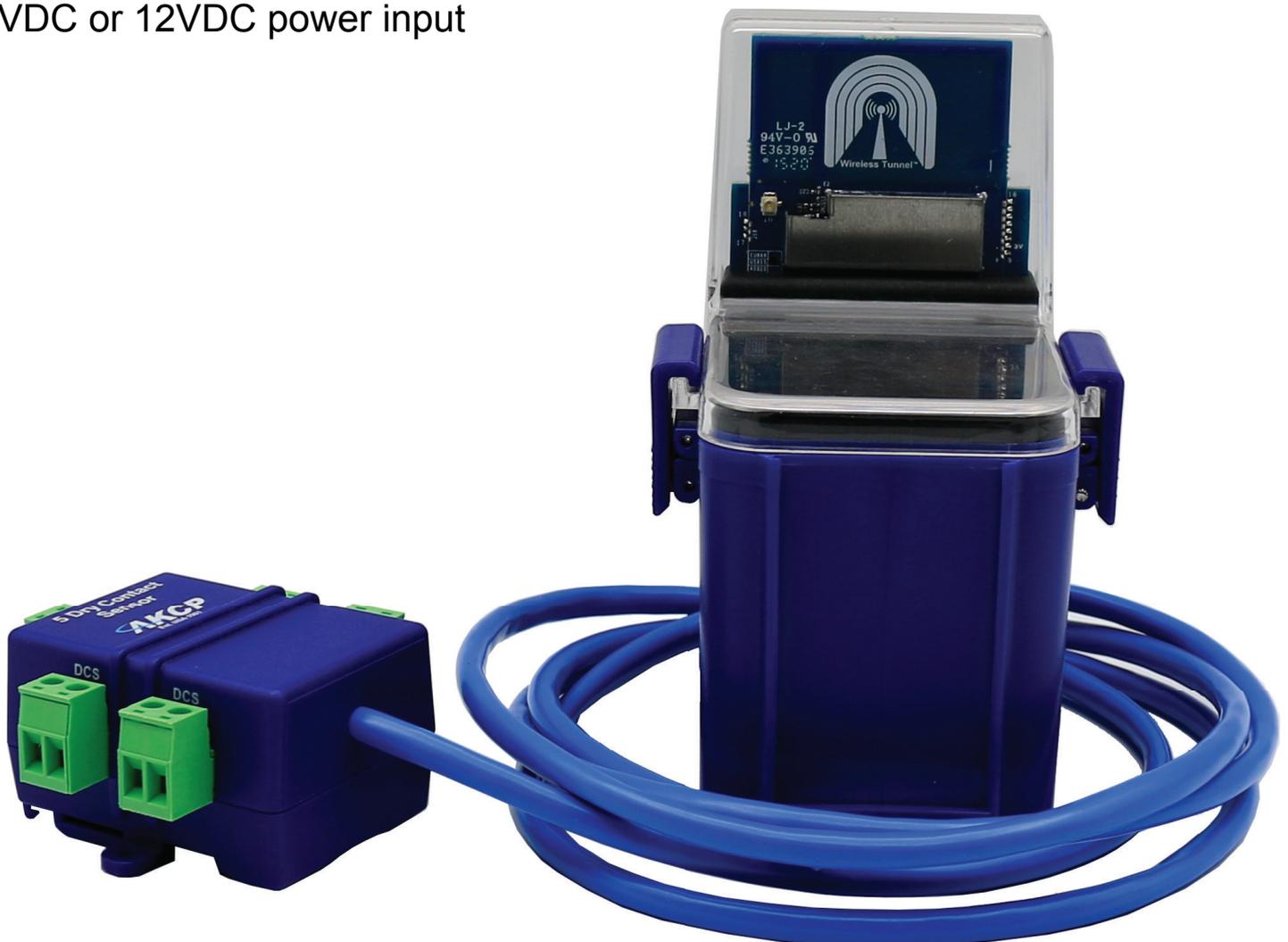
Wireless Extension of Dry Contacts

Wireless monitoring of alarm panels, or any device with a dry contact output. Communicate dry contact status over the Wireless Tunnel™ network to AKCP gateway.

Extend dry contacts across a wireless network. When a dry contact status changes it's status is instantly broadcast to the Wireless Tunnel™ gateway, which can signal a relay to actuate, alarm to sound, or send alert.

Sensor Features

- 4xAA Battery powered
- IP66 rated enclosure
- 5VDC or 12VDC power input



WTS-DC5 - Technical Specification

Status Indication	LED indication for - Mode - Status - RSSI
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
Interface	Micro-USB port for powering, adding and upgrading to the Gateway base unit
Dimension	76x77x120mm
Mounting	Wall hanging, DIN rail, Pipe Clamp
Power source	4xAA batteries or via micro-USB port
Power Consumption	Average 12 mWatt, 10uA in Idle, Up to 10 years of battery life
Environment monitoring	
Dry Contact	5x Discrete Dry Contact inputs internally pulled-up
Input	Switch type dry contact input: open or close Dry contact counters
Gateway sensor count	13 (3 + 10)
Important Note	Note 1: All inputs are not isolated, they all share the same ground. Care should be taken on grounding when connecting the WTS-DC inputs to contacts Note 2: don't apply any voltage to the dry contact inputs

WTS-DC5 - Technical Drawing

