

## sensorProbe - Wireless Tunnel™ Server (SP-WTS)

### Collect up to 30 Wireless Tunnel™ Sensors

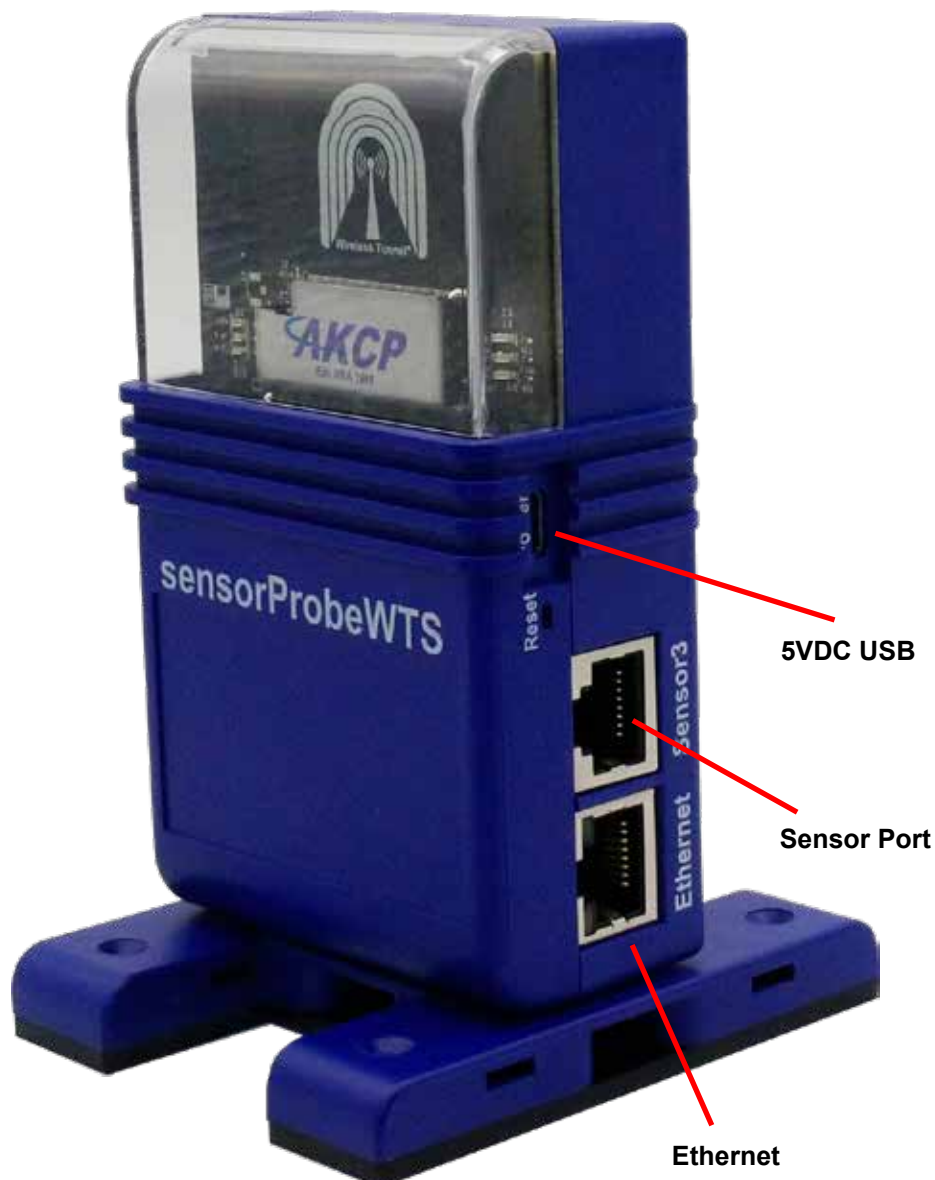
sensorProbe Wireless Tunnel™ Server collects, stores and graphs data from all AKCP wireless sensors. Ethernet connectivity to access sensor data via the web UI, SNMP, Modbus TCP/IP or MQTT. AKCP Pro Server provides central monitoring of multiple gateways.

Optional :-

PoE

4G Cellular Modem and GPS

Modbus RS485 port



## SP-WTS - Options

SP-WTS comes supplied with mounting options for DIN rail, wall hanging, magnetic mounting and free standing feet. It can also be equipped with a 4G cellular data modem.



## SP-WTS - Technical Specification

<b>Status Indication</b>	LED indication for power LED for Radio connectivity LED for Status
<b>Components</b>	Manufactured using highly integrated, low power surface mount technology to ensure long term reliability.
<b>Operating Environment</b>	Temperature : Min. -15° C – Max.50° C Humidity: Min. 20% – Max. 80% (Non-Condensing)
<b>MTBF</b>	1,400,000 Hours based on field experience with sensorProbe units.
<b>Connectivity</b>	Ethernet 10/100 Mbps Optional Integrated 4G cellular modem with external antenna Optional GPS with external antenna (requires 4G modem)
<b>Inputs</b>	1x USB for LoRa devices adding/software upgrade 1x 10/100 Ethernet Port 3x intelligent sensor ports for connecting AKCP wired sensors Optional Modbus RS485
<b>LoRa (R) Radio Regional plans</b>	- EU868 : 863~868Mhz Max TX Power +14dBm Duty Cycle 1%  - US915: 903~915Mhz Max TX Power +20dBm  - 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%
<b>Certification</b>	FCC Part 15C, CE EN300220-2
<b>Software features</b>	- up to 30 Wireless device connected - up to 32 Wireless sensors can be graphed - Total of up to 400 sensors can be online (Wireless and Virtual)
<b>Power</b>	External USB 5.5V 3A Power Adapter
<b>Dimension</b>	111 (W) x 62 (H) x 87 (D)
<b>Mounting</b>	Desktop, wall mount, DIN rail, Magnetic

**SP-WTS - Technical Drawing**

