

LORAWAN LIDAR PEOPLE COUNTER



SKU: WSLRW-LPC

LoRaWAN LIDAR PEOPLE COUNTER WSLRW-LPC

LoRaWAN



WSLRW-LPC-H1.JPG

WSLRW-LPC is a LoRaWAN sensor with built-in advanced Lidar sensor to detect and ranging people. It can count the people walk thru with accuracy higher than 95%. The sensor is not affected by temperature, humidity, RF noise and less affected by ambient light... With Ultra-low power design and smart firmware allow the complete Wireless and Sensor package run on AA battery 1.5V in many years. Moreover, it can be powered by external power supply at the same time. The sensor will transmit data in kilo-meters distance to LoRaWAN gateway, any brand on the market.

Typical Applications: People counter for public toilet, people counter for store, shop,...

- ✔ **LORAWAN COMMUNICATION**
LoRaWAN communication standard to allow sensor connect to any LoRaWAN Gateway on the market
- ✔ **HIGH ACCURACY & STABLE**
High accuracy counting by Lidar
- ✔ **DISTINGUISH PEOPLE IN AND OUT**
Smart software and built-in sensors can distinguish people from entering and leaving accurately
- ✔ **ULTRA-LOW POWER WITH 5 YEARS BATTERY**
Ultra-low power sensing technology from Daviteq with Ultra-low power wireless technology allow the sensor can operate for years with AA batteries 1.5VDC
- ✔ **PLUG & PLAY**
Everything is pre-installed so customers don't have to do anything

People Counter for Store, Shop...



WSLRW-LPC-H2.JPG

DAVITEQ TECHNOLOGIES INC

No.11 Street 2G, Nam Hung Vuong Res., An Lac Ward, Binh Tan Dist., Ho Chi Minh City, Vietnam

+84.28.6268.2523 / 6268.2524

info@daviteq.com

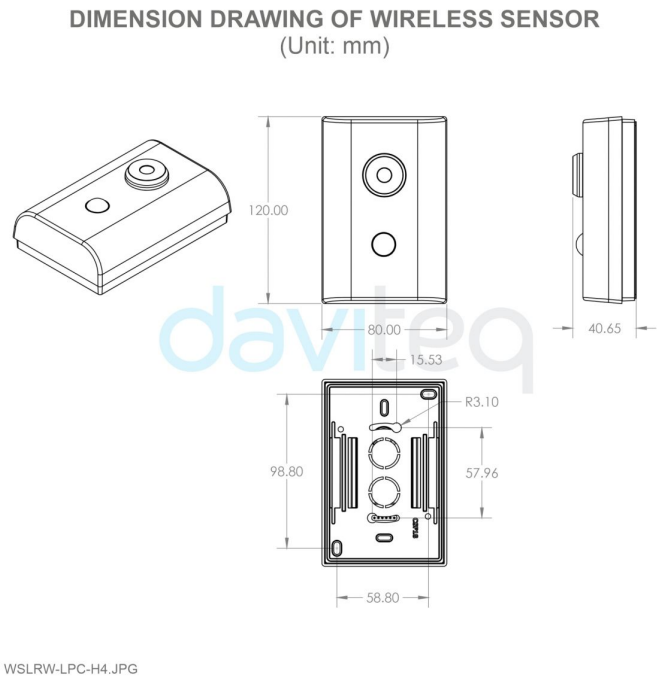
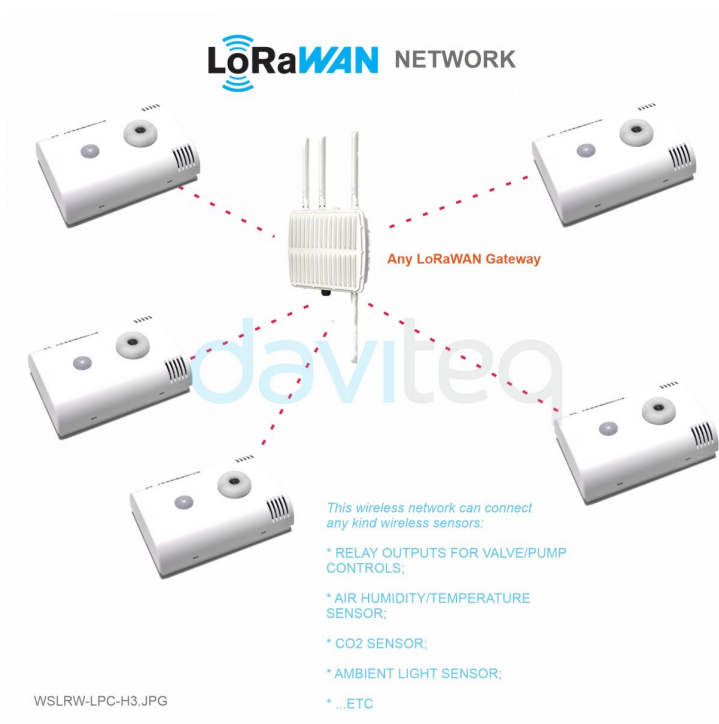
www.daviteq.com

FEB-2023 | Doc No: WSLRW-LPC-DS-EN-10

1/4

SPECIFICATION

SENSOR SPECIFICATION :	
Sensor technology	Lidar
Detection range	max 4m
Detection cone	27 degree
Working temperature	-40°C .. + 60°C
Working humidity	0 .. 100% RH, non-condensing
LoRaWAN SPECIFICATION:	
Data rate	625bps .. 50kbps (with internal Antenna 2.67 dbi)
Power Supply	Battery AA Type 1.5VDC and 7..48VDC (AC adapter not included)
RF Frequency and Power	860..930Mhz, +14 .. +20 dBm, configurable for zones: EU868, IN865, RU864, KR920, AS923, AU915, US915
Protocol	LoRaWAN, class A
Data sending modes	Interval time and when alarm occurred
RF Module complies to	ETSI EN 300 220, EN 303 204 (Europe) FCC CFR47 Part15 (US), ARIB STD-T108 (Japan)
Working temperature	-40°C..+60°C (with Lithium Ultimate AA battery)
Dimensions	H120xW80xD45
Net-weight	< 150 grams
Housing	Self-extinguisher ABS, Dust and vapor protection
Mounting	Ceiling mount



RECOMMENDED BATTERIES

E91 AA Alkaline battery



L91 AA Lithium battery



-18 .. + 60 oC working temperature

10-year shelf life

3000 mAh Capacity

Price: 1X

-40 .. + 60 oC working temperature

20-year shelf life

3500 mAh Capacity

Price: 3.5X

WSLRW-LPC-H5.JPG

WSLRW-LPC-H6.JPG

daviteq BLANK

ORDERING INFORMATION

ITEM CODE	DESCRIPTIONS
WSLRW-LPC-9-01	LORAWAN LIDAR PEOPLE COUNTER, INTERNAL ANTENNA, TYPE AA BATTERY 1.5VDC, IP5X, 900-930 Mhz for KR920, AS923, AU915, US915
WSLRW-LPC-8-01	LORAWAN LIDAR PEOPLE COUNTER, INTERNAL ANTENNA, TYPE AA BATTERY 1.5VDC, IP5X, 860-870 Mhz for EU868, IN865, RU864

DAVITEQ TECHNOLOGIES INC

No.11 Street 2G, Nam Hung Vuong Res., An Lac Ward, Binh Tan Dist., Ho Chi Minh City, Vietnam

+84.28.6268.2523 / 6268.2524

info@daviteq.com

www.daviteq.com

FEB-2023 | Doc No: WSLRW-LPC-DS-EN-10