

# LORA PULSE COUNTER

A pulse counter serves as a specialized electronic device engineered to count and record pulses generated by various types of sensors and instruments. These could range from flow meters to electrical consumption sensors. The primary advantage of using a pulse counter lies in its ability to provide accurate, real-time data that is invaluable for both monitoring and control applications within a facility.



## CORE FEATURES



**LORA™ WIRELESS**



**5 MIN DATA - 3 YEAR LIFESPAN  
HOURLY DATA - 10 YEAR LIFESPAN**



**3-CHANNEL METER PULSE  
COUNTING**



**SIMPLE AND QUICK  
INSTALLATION**



**CHANGE OF STATE  
MONITORING**



**EASY CONFIGURATION &  
MONITORING VIA USB (ONLY  
5- 15MIN DATA INTERVAL)**



**ACCURATE PULSE  
COUNTING**



**SIGNAL, BATTERY, AND  
PULSE INDICATOR**



## ELECTRIC

<b>Input Power</b>	1 x 3.6 V LS33600 D Size lithium battery (3.6 V 17000 mAh/section)
<b>Standby Current</b>	25 uA
<b>Receiving Current (Max)</b>	11 mA @3.3V
<b>Transmitting Current</b>	127 mA/3.3V
<b>Battery Measurement Accuracy</b>	±0.1V
<b>Pulse Resolution</b>	>50 mA

## FREQUENCY

<b>Frequency Range</b>	928 MHz
<b>TX Power</b>	US915 20dbm
<b>Receiving Sensitivity</b>	-136dBm (LoRa, Spreading Factor=12, Bit Rate=293bps)
<b>Antenna Type</b>	Built-in antenna
<b>Range</b>	Up to 10km in an unobstructed space
<b>Data Transfer Rate</b>	LoRa: 0.3kbps~50kbps
<b>Modulation</b>	LoRa
<b>Supportable LoRaWAN Band</b>	US902-928

## PHYSICAL

<b>Dimensions (LxWxH)</b>	129 x 67 x 41 mm
<b>Weight</b>	200g
<b>Environment Temperature Range</b>	-25°C to 70°C
<b>Environment Humidity Range</b>	<90%RH (No condensation)
<b>Mounting</b>	Screw

