

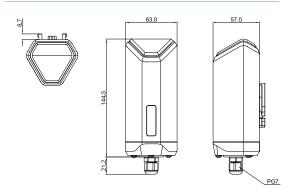
Specifications

LoRaWAN Data Logger

4 to 20 mA (2 channel)	
0 to 10 V (2 channel)	
RS485 Modbus-RTU Protocol	
1xGPIO(Pulse or Level Mode)	
General Parameters	
SenseCAP S2100	
Wio-E5	
LoRaWAN v1.0.3 Class A	
App Tool to change parameters	
and set data conversion algorithm	
IN865/EU868/US915/AU915/	
AS923/KR920/RU864 **	
19dBm	
-136dBm@SF12 BW=125KHz	
2 to 10 km (depending on gateway	
antenna and environments)	
IP66	
-40 to +85 °C	
0 to 100 %RH (non-condensing)	
280g	
CE / FCC / RoHS	
3V / 5V, 12V(DC only)	
12V DC or Battery(contained)	
Depends on the power	
consumption of the sensor	
19Ah (non-rechargeable)	
Standard D-size SOCI2 Battery	

SenseCAP S2100

Dimension



- Hardware supports all interfaces, but the software supports only one interface type to collect data simultaneously. For example, if the analog interface is selected, the RS485 interface cannot be used at the same time.
- ** A device supports different frequencies and can be configured via the Bluetooth App.
- *** Both external power supply and battery power supply are supported. If 12V is connected to an external power supply, the external power supply is preferred and the battery is used as the backup power supply. The device supports 3V and 5V sensors, which can support the 12V sensor when the PCBA is powered by 12V DC.