



BirdNet RTD

Slave Mote (SM) with RTD Sensor

BSM-18950-T04

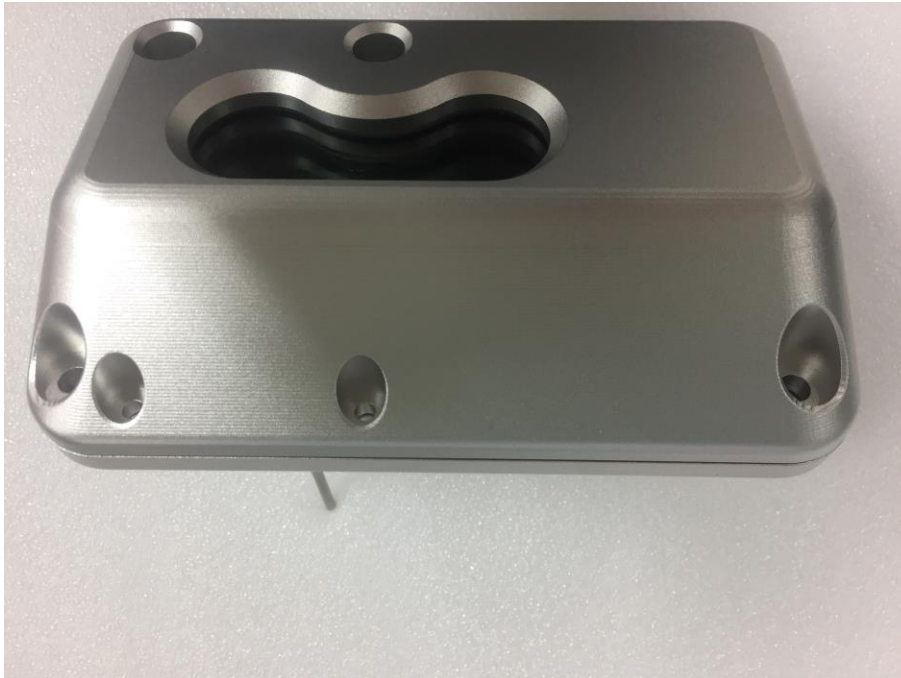
■ Specification

Items	DETAIL	Remark
Service	IEEE802.15.4e TSCH	
Frequency Band	2.4000GHz ~ 2.4835GHz	
Number of Channels	15	
Modulation	DSSS	
Raw Data Rate	250kbps	
Range	Indoor : 50m Outdoor : 100m	
Output Power	8dBm	
Reciver Sensitivity	-93dBm	
Input/output Impedance	50Ω	
CPU	ARM Cortext-M3 32bit	
SRAM	72Kbyte	
FLASH Memory	512Kbyte	
Chip Antenna	3 dBi	
Temperature Element	Pt 100Ω at 0°C	
Temperature Range	-200 ~ 600°C	
Surge Protection	10/100μs / 400W	
ESD Protection	Contact : ±8KV, Air : ±15KV	
Operating Temperature	-40 ~ 85°C	
Operating Humidity	10 ~ 90%	Non-condensing
Battery Power	3.3V DC up, 8500mAh	
Power Consumption	< 50μA	
Enclosure Material	Aluminum	
Size	178*130*40	
Weight	< 1600g	

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- Product Image



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