

■ 무선센서장치 : Slave Mote with RTD PT100

(BSM-18940-ALk-TB1A)

BirdNet RTD
Slave Mote with RTD PT100

■ Specification

Items	DETAIL	Remark
Service	IEEE802.15.4e TSCH MAC Radio Technology	
	Time Synchronized Channel Hopping Full Path and Frequency Diversity	
Frequency Band	2.4000GHz ~ 2.4835GHz	
Number of Channels	15	
Modulation	DSSS	
Raw Data Rate	250kbps	
Range	Indoor : 50m Outdoor : 100m	
Output Power	8dBm	
Receiver Sensitivity	-93dBm	
Input/output Impedance	50Ω	
CPU	ARM Cortex-M3 32bit	STM32L151CBT6A
SRAM	32Kbyte	
FLASH Memory	128Kbyte	
Security	128 Bit AES Based Encryption	
Protocol	6LoWPAN Internet Protocol support	
Operating Temperature	-40 ~ 85°C	
Operating Humidity	5 ~ 95% (NON-Condensing)	IP67 Proof
Battery Power	38,000mAh	D Type x 2ea
Power Consumption	< 50μA	
Case	Aluminum Enclosure	
Size	180mm(w) x 94mm(w) x 70mm(d)	
Weight	< 1.95kg	
RTD Sensor	Model : PT100	
	Temperature Range : - 50 °C to 300°C	
	Standard Limits of Error : Grater of 3.0 °C	

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■ Product Image

