

## ■ 무선센서장치 : BirdNet Slave Mote Supporting RTD Sensor

(BSM-18940-ALK-TI1F)

### BirdNet Slave Mote Supporting RTD Sensor Slave Mote Supporting 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	
Antenna	2.4GHz - 2.0dBi	SMA Type 50Ω
Input Power	3.6VDC - Industrial Battery	
ESD Protection	Contact : ±8KV, Air : ±15KV	
Water Proof Rating	IP67 Proof	
CPU	ARM Cortex-M3 32bit	STM32L151C8T6A
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
Battery Power	38,000mAh	D Type x 2ea
Case	Aluminum Enclosures	
Size	127mm(h) x 82mm(w) x 57.5mm(d)	
Weight	< 675g	
connector	-40 ~ 90°C / IP68	
	M12 male	

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#### ■ Product Image

