BirdNet-Repeater(Round)
Slave Mote (SM) for Repeater

▪ 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	
SRAM	72Kbyte	
FLASH Memory	512Kbyte	
Security	128 Bit AES Based Encryption	
Protocol	6LoWPAN Internet Protocol support	
Operating Temperature	-40 ~ 85℃	
Operating Humidity	10 ~ 90%	IP65 Proof
Battery Power	2500mAh	
Power Consumption	< 50µA	
Case	MC Nylon (Monomer Cast Nylon), Type : White	변형가능온도: 210℃
Size	150mm(L) x 60 ∮	
Weight	< 300 g	

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- Product Image