

BirdNet Temperature & Humidity Slave Mote for TH

■ 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°C | |
| Operating Humidity | 10 ~ 90% | IP65 Proof |
| Battery Power | 7500mAh | |
| Power Consumption | < 50μA | |
| Case | Aluminium Anodizing | |
| Size | 120mm(w) x 80mm(w) x 34mm(d) | |
| Weight | < 350 g | |
| Temperature & Humidity Sensor | Maker : 센시리오 / Model : SHT31 | |
| | [Specified Range] | |
| | * Humidity : 0 to 100 / * Temperature : - 40 to 125°C | |
| | [Typical Accuracy] | |
| | * Humidity L ± 1.5% / * Temperature : ± 0.1°C | |

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- Product Image

