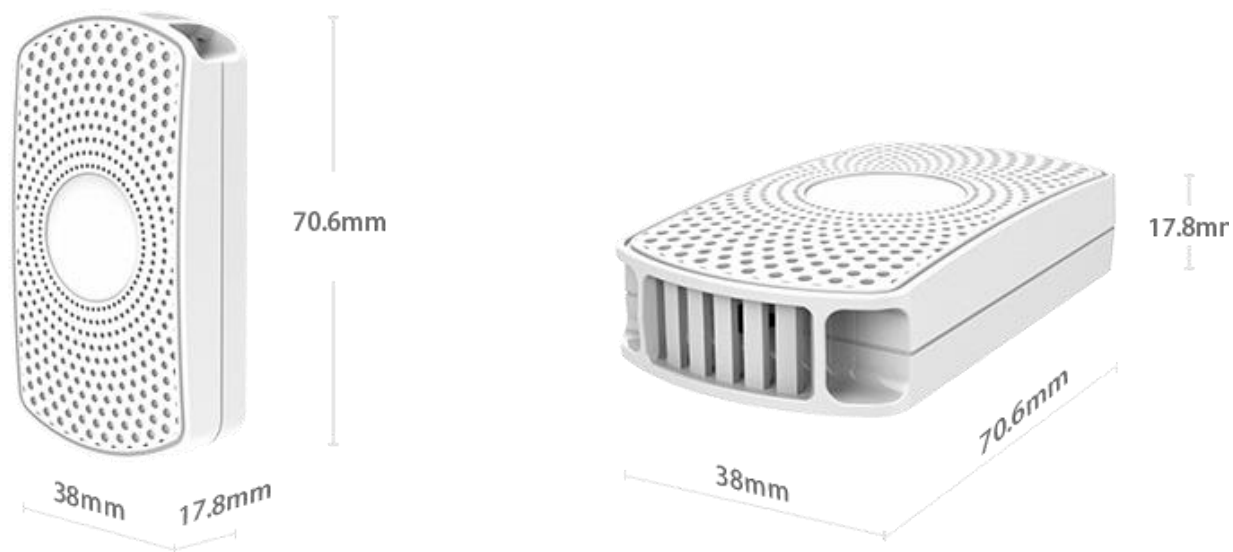# Czujnik temperatury i wilgotności

70.6mm

17.8mr

38mm   17.8mm

70.6mm

38mm

Features	IP65 waterproof level Over 100 meters broadcasting range Over 3 years battery life time Ultra-low power consumption chipset nRF52832 High-accuracy digital temperature and humidity sensor inside Very fast start-up and measurement time Real-time data converting, storing and uploading Excellent security mechanism Supporting the customization service such as logo, firmware and other	
Physical Property	Model - S1 Waterproof Level IP65 Case material ABS Case color White Product size 70.6x38x17.8mm Unit weight 43g Battery type 2xFR03 Li-Fe battery Voltage 3V Data Indication -N/A, need to access data by app or gateway Average power consumption 35uA Transmission Range Max 100m in open space Assemble 3M adhesive	
Technical Parameter	Temperature Measurement Range Measure Accuracy Measure Resolution Humidity Range Humidity Measure Measure Accuracy Measure Resolution	-40℃~70℃ 10℃~50℃, ±0.5℃ ≤10℃ or ≥50℃, ±2℃ 0.05℃ 0%RH~100%RH 0%RH~90%RH, ±2.5%RH ≥90%RH, ±3.5%RH 0.05%RH
Electrical Property	Static Current - <3uA Peak Current <8mA Average Current <35uA Battery Type FR03 Battery Capacity 1250mAH Lifetime Over 3 years	