

Indoor Ambient Environment Sensor

SKU: AS-104

Specification

Wireless Transmission		
Technology	LoRaWAN®	
Frequency	EU868/US915/AU915/KR920/AS923-1&2&3&4	
Tx Power	16 dBm (868 MHz)/22 dBm (915 MHz)/19 dBm (470 MHz)	
Sensitivity	-137dBm @300bps	
Mode	OTAA/ABP Class A	
Sensors		
Temperature	Temperature Range	-40°C to +125°C
	Accuracy	±0.2°C
	Resolution	0.01°C
Humidity	Humidity Range	0% to 100% RH
	Accuracy	±1.8%RH
	Resolution	0.01% RH
Total Volatile Organic Compound (TVOC)	TVOC Range	0.00 ~ 10.00PPM
	Accuracy	< ±4%
	Resolution	1 ppb
Physical Characteristics		
Power Supply	2 × 2700 mAh ER14505 Li-SOCI2 Replaceable Batteries	
Battery Life	Up to 5 Years	
Operating Temperature	-20°C to +60°C	
Relative Humidity	0% to 95% (non-condensing)	
Ingress Protection	IP30	
Dimension	98 × 98 × 29.5 mm	
Installation	Wall Mounting	