LoRaWAN[®] *9in1* Ambience Monitoring Sensor

PM2.5 & PM10

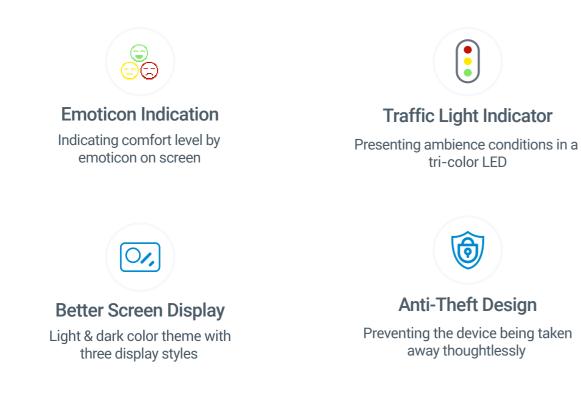
нсно НСНО

()₃ O₃

AM319AM307

✓Temperature✓TVOC✓HumidityJILBarometric PressureIPIRCO2CO2✓LightCO2CO2

Milesight AM307/AM319 is an all-round ambience monitoring device designed for indoor air quality monitoring. It collects various indoor ambience conditions through 9 built-in sensors, and delivers the data to both mobile App and its 4.2 inch E-ink screen, to help you to understand the indoor comfort & health level visually.



			Specifications	
	Model		AM319	AM307
Hardware	Screen		4.2 inch E-ink	
	LED & Buzzer		1 × Traffic Light Status Indicator, 1 × Buzzer	
	Configuration		NFC (mobile App & NFC reader with PC), USB Type-C port	
	Frequency		CN470/RU864/IN865/EU868/AU915/US915/KR920/AS923-1&2&3&4	
	Work Mode		OTAA/ABP, Class C	OTAA/ABP, Class A
	Power Supply		5V/1A via Type-C Port	4×2700 mAh ER14505 Li-SOCl ₂ Batteries
Sensors	Temperature	Range	-40°C - 85°C	
		Accuracy	±1°C	
	Humidity	Range	0% - 100% RH	
		Accuracy	±3%	
	PIR	Detection Area	80 ° Horizontal, 55 ° Vertical	
		Detection Distance	5 m	
	Light	Range	0-60000 Lux (Determine as 6 levels, 0-5)	
	TVOC	Range	0-500 (IAQ Index)	
		Accuracy	±15%	
	Barometric Pressure	Range	300 - 1100 hPa (-40°C - 85°C)	
		Accuracy	±0.6 hPa	
	CO ₂	Range	400 - 5000 ppm	400 - 2000 ppm
		Accuracy	± (30 ppm + 3% of reading)	± (50 ppm + 5% of reading)
	PM2.5 & PM10	Range	0 - 1000 μg/m³	/
		Accuracy	0-100 (±10µg/m³), 100-1000 (±10 %)	
	HCH0*	Range	0 - 6 mg/m ³	
		Accuracy	±10%	
	0,3*	Range	0 - 10 ppm	
		Accuracy	±5% FS	

 \star This function is valid in the measurement of either HCHO or $\rm O_{3}.$

