



智慧監測 高效安全

Multi-Gas Air Sensor 18

智慧監測多種有害氣體污染，長效穩定監測與精準數據分析
結合APP與DASHBOARD，實現智慧化管理，提升企業效率



多氣體監測



高精度感測



即時數據



耐用長效



客製化服務

Product Information

Category		Specification/Description, Typical Characteristics	EB-18-IAQ	EB-18-BES
Power	Power Input	USB Type C 5V-1A	V	V
		DC Input: 5-24V-1A	V	V
Connectivity	Bluetooth	BLE 5.0, 2.4 GHz	V	V
	Wi-Fi	802.11 a,b,g,n 2.4/5GHz	V	V
	RS485	RS485 with Default MODBUS Slave Protocol	V	V
	LORA	LORA P2P Sub-G Wireless	V	V
Sensors	Temperature	CMOS sensor, Range 0-100 oC	V	V
	Humidity	CMOS sensor, range 0-100%	V	V
	Particulate Matter	Laser Scattering Sensor, range 0-1,000 ug/m³	V	V
	CO2	NDIR sensor, range 0-10,000 PPM	V	V
	HCHO	Electrochemical Sensor, Range 0-2,000 ppb	V	V
	CO	Electrochemical Sensor, Range 0-5,000 PPM	V	V
	TVOC	Multiple Pixel CMOS sensor, 0-1,350 ppb for IAQ standard	V	V
	H2 -1	Thermal Conductivity Sensor, range 0-100% LEL		V
	H2 -2	Electrochemical Sensor, Range 0-3,000PPM		V
	Carbonate	Electrochemical Sensor, On/Off		V
	Air Pressure	CMOS sensor, Range 300-1,200 hPA	V	V
	Optional Gas Sensor	Plug-in Electrochemical Sensor option for NH3, H2S, NO, NO2, O2, S2O, etc	V	V
	Magnetic Buzzer	Buzzer, 90dB at 10 cm in open space	V	V
Miscellaneous	LEDs	Power, Air Quality Index, Wireless Connection Status	V	V
	Relay	Dry contact 2x2 pins	V	V
Accessory	Wall Mount	Wall mount & ceiling mount, din rail.	V	V
Physical	Dimension	Cylindrical diameter 135mm, thickness: 35mm	V	V

Design and made in Taiwan

Relative Products



EB-05



ECOBEAR ONE
APP



ECOBEAR ONE
DASHBOARD



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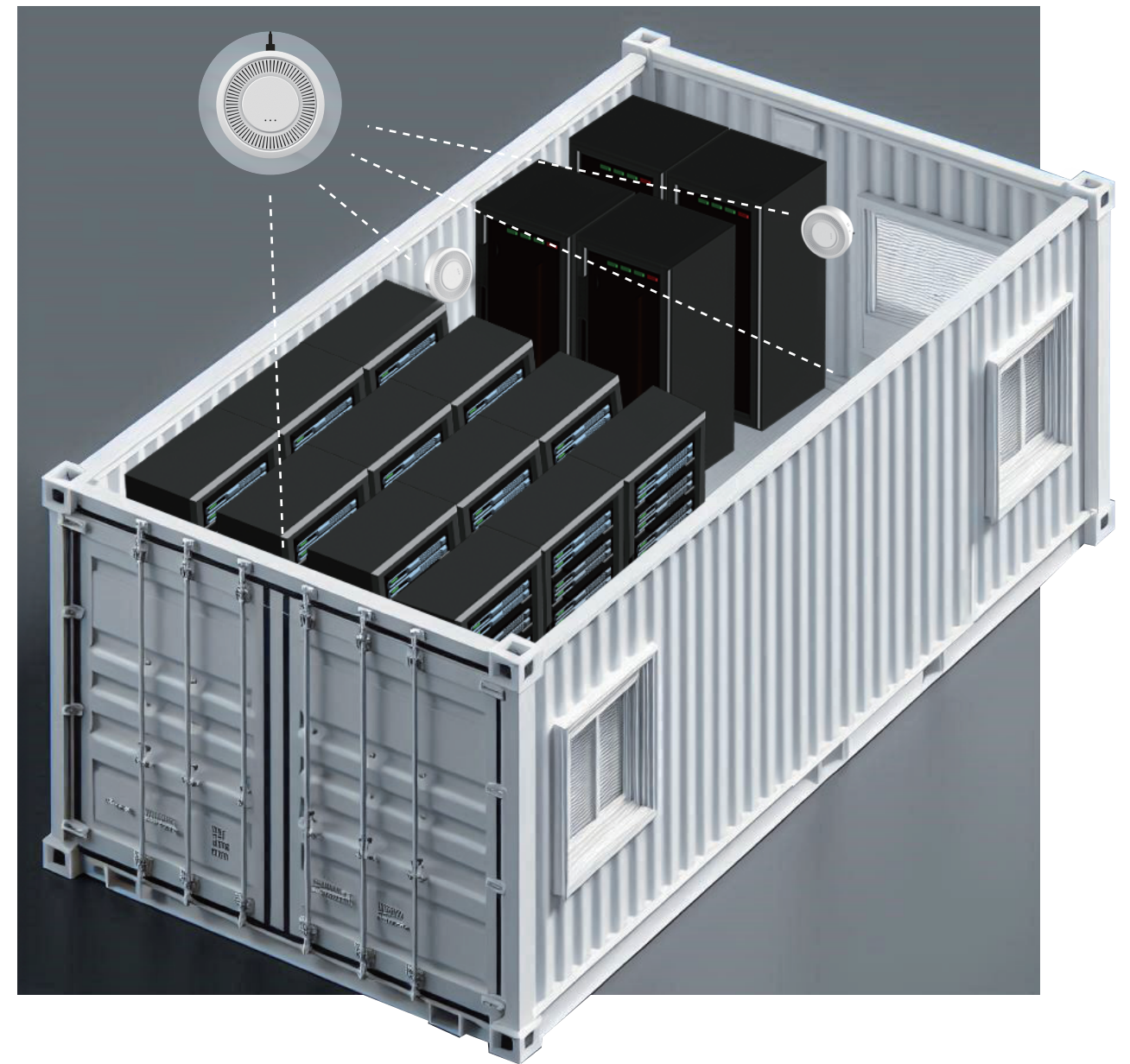
Model-18-IAQ

針對室內空氣品質而設計，提供可靠的多氣體污染物監測，包括PM2.5、二氧化碳、一氧化碳、甲醛及揮發性有機化合物(VOCs)等。

該產品搭載高效能感應技術，能協助辦公室、商業空間及住宅環境即時追蹤空氣品質，以確保符合健康與安全標準，進一步提高工作環境效率與員工滿意度。

Applications

Monitoring Indoor air quality in Residential, Commercial, Clinic, and Education Spaces.



Model-18-BES

採最先進的感測器技術為儲能系統與廠房環境設計，有效檢測多種有害氣體，確保環境安全。

該產品可長效持續監測，透過高靈敏度的先進感測技術，即時偵測多種潛在危險氣體，包括儲能櫃內異常熱失控、環境中氫氣外洩和一氧化碳外洩。

透過精確數據分析與即時警報功能，能有效降低火災、爆炸及中毒等風險，避免財產損失與人身傷害

Monitor Battery Thermal running away, Toxic and Odor air pollution, and Environmental health and safety.

The product is designed for Battery Storage System, Factory, and commercial working spaces, etc.