



K7800P

Multifunctional BLE Sensor with Door Detection

The K7800P is a versatile sensor that uses Bluetooth communication technology to seamlessly interact with a paired mobile device or tracking unit. It incorporates a temperature and humidity sensor and a light sensor and comes with a Hall Effect door sensor to extend the functionality of the tracking unit. Furthermore, its zero installation design dramatically reduces labor costs and saves time for business users.



Bluetooth	BLE 4.2, 2.4GHz
Transmission distance (open area)	50m
Battery	1000mAh Li-MnO2 battery
Service life	> 3 years
Temperature range	-20 C to +70 C
Temperature error	±0.5 C (10 C to 50 C); ±2 C (<10 C or ≥ 50 C)
Humidity range	0% RH to 100% RH
Humidity error	±2.5% RH (0% RH to 90% RH); ±3.5%RH (>90% RH)
Operating temperature	-20 C to +70 C
Storage temperature	-40 C to +60 C
IP rating	IP65
LED indication	Red (working status)
Side button	To change working mode
Sensors	Light sensor, Hall effect door sensor, Environmental sensor
Compatibility	VL103 series, VL802 series, and LL303
Device dimensions	40 × 40 × 15mm (BLE sensor); 65 × 32 × 25mm (door sensor)

Perishable Goods Logistics



Dry Goods Logistics



High-Value Asset Security

