



PRODUCT APPLICATIONS

- Infrastructure monitoring
- Smart Home & Office
- Waste management
- Agritech Museum Asset
- Tracking

KEY FEATURES

LOW COST

it offers a cost-effective solution on the market, combining low unit price with minimal installation.

SMALL DIMENSION

compact design allows easy integration into space-constrained systems without compromising performance or connectivity.

BLUETOOTH CONNECTIVITY

The device communicates via Bluetooth connectivity to a dedicated mobile application.

DESCRIPTION

Radon Detector is a compact, high-performance radon detector designed to accurately measure Radon gas concentration in indoor environments. Housed in a dedicated enclosure, the device combines advanced sensing technology with ease of use, making it suitable for both residential and professional applications.

Powered with AAA Lithium batteries, the device features Bluetooth connectivity for seamless wireless communication with smartphones, tablets, or monitoring systems. Its wide measuring range ensures reliable detection across different environmental conditions, while the compact form factor allows flexible placement in any room or workspace.

TECHNICAL SPECIFICATIONS

Sensor Characteristics

| | |
|---------------------------------------|--|
| sensor type | semiconductor alpha spectrometry |
| range of measuring | 3.3Bq/m ³ -37kBq/m ³ (0.09~1000pCi/L) |
| accuracy | ±15% |
| sensitivity | 0.2cpm/1000Bq/m ³ |
| reliable data measurement time | 6 hours (Radon concentration above 190 Bq/m ³) 12 hours (Radon concentration between 94~190 Bq/m ³) 24 hours (Radon concentration below 94 Bq/m ³) |

Enclosure Characteristics

| | |
|---------------------|-----------------------|
| power supply | AAA Lithium batteries |
| connectivity | bluetooth |
| indicator | RGB LED status |