



PRODUCT

RADIATION MONITORING SYSTEM



01 Product descriptions

It is used to monitor the leakage of radioactive materials in nuclear power plants and major facilities using plastic scintillator radiation detector. Industrial radiation monitoring system is a unique system that transmits signals to monitoring system when detecting radioactive materials using plastic scintillation and generates a warning siren.

02 Specifications

Detectors	<ul style="list-style-type: none">- Detector Type : Plastic Scintillation- Volume : 7.62 L (50 cm x 30 cm x 5.08 cm)- Sensitivity : 0,2 μSv/h BG condition, 0,1 μSv/h change detection (< 1 s)- Efficiency : 100,000 cps / (μSv/h, Cs-137), 50,000 cps / (μSv/h, Co-60) or more- Operating Range : 40 keV ~ 3 MeV (Gamma)- Temperature Operating : -20°C ~ 60°C	System Computer Specifications	<ul style="list-style-type: none">- Intel© Atom CherryTrail Processor- 4 GB RAM- Intel HD Graphics- 32 GB eMMC- 250 GB SSD- 10/100 Mbps Network Card- WiFi 802.11 b/g/n- Windows 10- 24 inch Monitor- Operating Software- Wired / Wireless Network Support- Remote Monitoring System
Alarm Equipment	<ul style="list-style-type: none">- Visual alarm : alarm light, electric sign board- Auditory alarm system : Siren- Alarm Types : Radiation, Sensor Failure, Instrument Failure		



