



PRODUCT

RADIATION PORTAL MONITORS



01 Product descriptions

It is used for manufacturing large-scale radiation inspection equipment, such as radiation monitors for manufacturing port container and vehicle radiation monitors on entrance of major facilities and steel companies, we have expanded and applied the material developed for nuclear imaging medical diagnostic equipment into the development of large-sized radiographic testing equipment by making it very compact.

02 Specifications

<p>Detectors</p>	<ul style="list-style-type: none"> - Detector Type : Plastic Scintillation - Volume : 27.4 L (180 cm x 30 cm x 5.08 cm) x 2 - Sensitivity : 0.2 μSv/h BG condition, 0.1 Sv/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) - Operating Temperature : -20°C ~ +60°C - Steel enclosure for background protection 	<p>Safety Equipment</p>	<ul style="list-style-type: none"> - Traffic light for vehicle control and deceleration indicator - Detector Guard - Automatic Barrier Bar
<p>Vehicle / Cargo Information Collection Equipment</p>	<ul style="list-style-type: none"> - Automatic Number Plate Recognition System for Vehicle Identification (Night Time Detection Support) - Camera for cargo (Night Time Detection Support) - Vehicle Detection Sensor - Overspeed Sensor 	<p>System Computer Specifications</p>	<ul style="list-style-type: none"> - Intel® Core i7 Processor or better - 8 GB RAM - Geforce GT730 DDR3 2GB or better - 500 GB HDD or better - 10/100/1000 Mbps Network Card - Windows 10 - 24 inch Monitor - Laser Printer - UPS (Uninterruptible Power Supply) - Operating Software - Wired / Wireless Network Support - Remote Monitoring System
<p>Alarm Equipment</p>	<ul style="list-style-type: none"> - Visual alarm : alarm light, electric sign board - Auditory alarm system : Siren, speaker - Broadcast system : Intercom - Alarm Types : Radiation, Overspeed, Sensor Failure, Instrument Failure 		



