



# FastTrack-Vehicle™

Truck Monitor



Nuclear  
Power



Homeland  
Security  
& Defense



Industrial and  
Manufacturing



Healthcare



Labs and  
Education

## OVERVIEW

The Mirion FastTrack-Vehicle™ is a unique monitor used to check trucks and cars for radioactivity without time loss.

It is the first vehicle monitor in the world that uses the FastTrack algorithms developed and patented by Mirion Technologies. This enables an accurate differentiation between possible variations in background radiation and radiation sources in the vehicles driven through the monitor. This in turn significantly reduces the false alarm rate and the drive-through speed is increased accordingly.

The individual parts of FastTrack-Vehicle™ can be transported easily and can be assembled on site without the use of additional lifting equipment.

## KEY FEATURES

- 2 x 3 GammaFibre™ detectors
- NORM detection
- Very low false alarm rate
- No vehicle stop required for measurement
- Detection at high speed
- Easy transport and assembly

## OVERVIEW OF FEATURES

GammaFibre™ detectors

- 2 x 3 large volume
- gamma sensitive detectors
- lead shielding 15 mm
- NORM detection

Patented FastTrack algorithms

- unique filters for distinction between events related to the vehicle passing through the monitors and those unrelated
- increased sensitivity and low detection limits
- detection at high speed

Easy assembly and transport

- all parts fit the size of a small transporter and can be assembled without special lifting devices
- optional camera and traffic light operation



## CUSTOMER BENEFITS

Fast and reliable detection of vehicles with radioactive sources

- low false alarm rates
- low detection limits
- detection at high speed

Modern user software

- touchscreen operated
- networkable

## REFERENCES

Mirion FastTrack-Vehicle™ builds on the very successful development of the FastTrack-Fibre™ Gamma portal monitor for personnel. These monitors of the CheckPoint:Gate™ family have been proven in many applications throughout nuclear industry, homeland and event security, ports and steel works worldwide.



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