



CONTAMINATION AND CLEARANCE

FastTrack-Vehicle™

Vehicle Monitor

FEATURES

- 2 x 3 GammaFibre™ detectors
- Web server for remote monitoring
- Very low false alarm rate
- No vehicle stop required for measurement
- Detection at high speed
- Source localization in the vehicle

DESCRIPTION

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.



OVERVIEW OF FEATURES

GammaFibre™ detectors

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

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

Robust design and good visibility

- The FastTrack-Vehicle is by default delivered in an orange painted stainless steel frame. Other colors are available on request
- The housing is IP54 rated



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
- Many options available, including cameras and traffic lights

REFERENCES

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

