



# RTM910/RTM911

Truck and Car Monitors



Nuclear  
Power



Homeland  
Security  
& Defense



Industrial and  
Manufacturing



Healthcare



Labs and  
Education

## OVERVIEW

The Mirion truck monitors are flexible and versatile measurement systems for around-the-clock monitoring of vehicles, packages and people for radioactive materials.

Mirion truck monitors have been tested and proven of value in many applications of most variable functionalities – from nuclear facilities to harbour systems and steel plants. They are designed to meet the demanding requirements of border control and other points of entry to a territory.

The combination of modern technologies, traditional know-how in the manufacturing of radiation monitors, and close customer relationships makes Mirion and its truck monitor systems a reliable partner.

## KEY FEATURES

- Various configurations to match the requirements of different customers
- Modern, PC supported measurement electronics
- Designed for performance in various demanding environments
- Proven measurement concept
- Optional equipment

Health Physics

## OVERVIEW OF FEATURES

Various configurations are available to match the requirements of different customers. Large-area gamma plastic scintillation detectors (RPD) are used in Mirion truck monitors. The detectors are equipped with a photomultiplier and detector electronics with respective signal processing.

### Modern, PC supported measurement electronics

- database for measurement results
- graphical user interface
- various interfaces (USB, CD, LAN)

### Designed for performance in demanding environments

- operating in a wide range of climatic conditions
- models that meet the stringent recommendations of IAEA on monitors to combat the trafficking of nuclear materials

### Proven measurement concept

- compensation for shielding effect of the load with automatic adaptation of the alarm thresholds
- extremely fast data acquisition - all alarm and user-specific criteria are checked every 100 ms
- maximum recommended speed between detector cabinets: 32 km/h

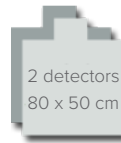
### Optional equipment

- various optional enhancements such as camera and traffic light systems, license plate and container recognition, and others
- neutron detection

## CUSTOMER BENEFITS

- Reliable, unattended operation with automatic data logging and a variety of alarm functions (low alarm, high alarm, speed alarm)
- Economic operation by low maintenance requirements
- Ability to network for centralised data management and remote monitoring
- optional link up with CeMoSys™ server for centralised monitoring and data management

### RTM911



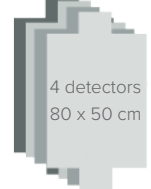
### RTM910 Standard



### RTM910 Premium



### RTM910 XL



## REFERENCES

Mirion truck monitors represent a family of flexible and versatile measurement systems for round-the-clock radiological monitoring of radioactivity in and on vehicles.

Tested and proven in many environments with a variety of functions – from nuclear facilities to harbour systems and steel plants.

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