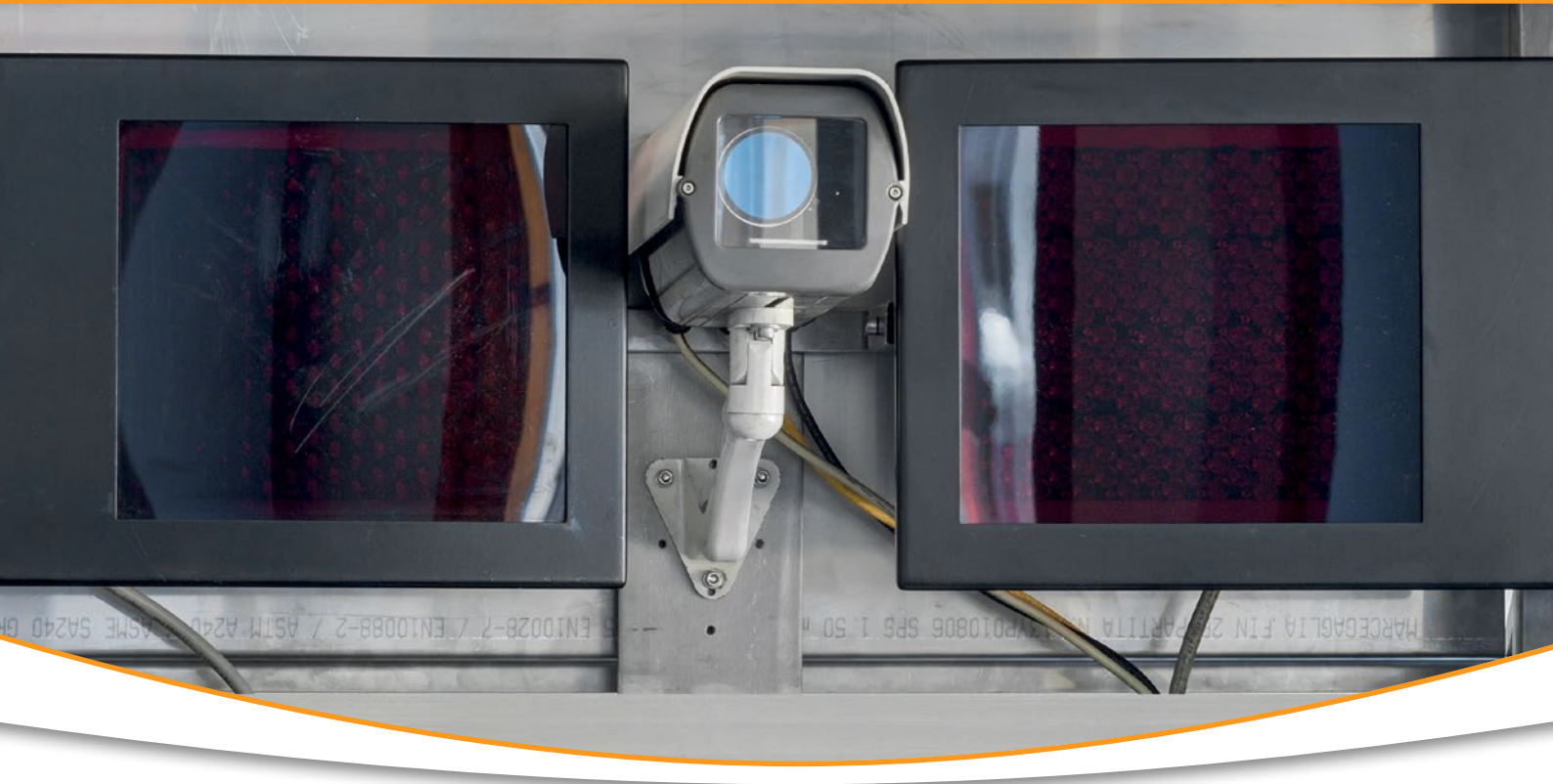


# MOVIE

## VIDEO MONITORING



**MOBILE MONITORING SYSTEMS**  
FOR TRAINS AND TRACKS UNDER REAL OPERATING CONDITIONS



Installed MOVIE System



MOVIE detects passing train

## VIDEO DETECTION OF THE 12-DIGIT UIC CAR NUMBERS

MOVIE stands for video monitoring of trains under almost all weather conditions.

The task is to detect dangerous goods and wagon specific data. In combination with our monitoring systems MONI and LASCA individuell and precise wheel exact statements about the quality and noise emission of all vehicles are possible. No passing train remains undetected and analyzed. This is the base of noise emission track prices. Monitoring under operating conditions at ist best.

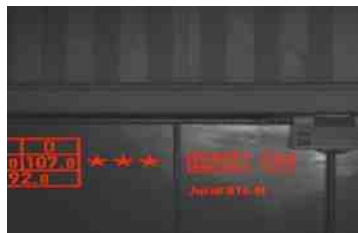


Figure shows the reading of a Composite (LL) brake block at about 140 km/h.

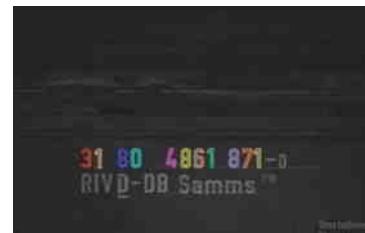


Figure shows the reading of a UIC number at about 120 km/h.

## SPECIFICS

- UIC- / container number (reading up to 180 km / h)
- Synchronization with higher-level systems e.g. LASCA, MONI
- Detection of dangerous goods and wagon-specific data
- Noise identification, warning labels etc. with wagon accurate allocation and time stamp
- Weather independent evaluation by an innovative concept
- Low default rates, since no mechanical adjustment
- Non-discriminatory condition based maintenance of individual rail cars
- IR illumination, no aperture of the train leader
- No nuisance of passengers



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