Trimble® TruckView® wayside truck (bogie) inspection system operates on passing trains at mainline operational speeds, even in tough environments, day or night. It is a vision based system which uses high-speed and high-definition imaging to provide high resolution images of every truck for inspection and measurement.

Many truck related defects can cause serious short term and long terms problems and possible derailments. For a reliable and dependable inspection every truck is viewed from at least two angles—top and bottom.

TruckView inspects many features of bogies including fasteners, side frame condition, bearings and related components, friction wedges, springs, and more. Alarms are generated when issues are detected.

Examples are excessive wedge rise, spring condition to find missing and broken springs, and spring compression to detect imbalanced loads.
TruckView
Wayside Truck (Bogie) Inspection System

Inspections & Measurements
- Fasteners
- Spring inspection to detect broken or missing springs
- Heavy load imbalance
- Bearing cap and cap bolts
- Side frame mismatch
- Bearing adapter
- Bearing adapter wear plate
- Bearing keeps
- Sand hose position and activators
- Wedge detection and height measurement
- Individual and average wedge rise measurement
- Hopper door
- Earth straps
- R-clips

Software Features
- Remote monitoring/control
- Digital image acquisition/processing
- Web-based database/visualization
- Automated reporting
- AEI (RFID) integration

Features
- Speeds of 0 to 60 mph (100 km/h)
- Operating temperature: −40°C to 55°C
- Capable of operating in extreme environments
- Installed on trackside with no track interference
- Easy maintenance
- Automatic alarm generation

Specifications subject to change without notice.