

TRUCKWEIGH

THE COMPLETE SUSPENSION AXLE OVERLOAD SYSTEM

Overload
Protection

Payload
Optimisation



Diverseco's **TruckWeigh™** onboard overload monitoring system provides a solution to an industry-wide problem by enabling operators to avoid overloading, maximise payloads and reduce WHS risk. **TruckWeigh™** payload monitoring system is specifically designed for most spring suspension and/or air suspension vehicles and trailers. The system monitors spring deflection for single steer and multiple dual and tri-axle groups.

KEY BENEFITS

- | Accuracy ± 3% of full scale (90 – 100%)
- | Simple to Operate - No Driver Input Required
- | Easy to Fit to New and Existing Vehicles
- | Avoid Fines and Overload Endorsements
- | Rugged for Harsh Environments
- | AxleWatch
- | Trailer Identification
- | Overload Alarm, Audible or Visual
- | Balanced Load Distribution
- | Reduce Vehicle Wear & Tear and Fuel Consumption
- | Protect Your License
- | 12 to 50 Tonne GVW



**HANDHELD
REMOTE
DISPLAY**



**DIN
RADIO
MOUNT**



**DASH
MOUNT**



Delivering Business Excellence through Weighing, Automation and Service Solutions

The Complete Suspension Axle Overload System

AXLE PROTECTION

TruckWeigh™ has no moving parts and is not susceptible to wear or slipping out of calibration because of stretched springs which are common in other axle protection systems. Combinations of Diverseco's axle transducers and/or pressure transducers obtain the loading condition of each axle or axle group.

TRUCKWEIGH DIGITAL INDICATOR

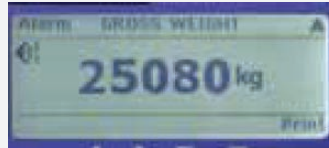
Specifically engineered for on-board use, the **TruckWeigh™** indicator is a versatile display designed to suit a variety of trucks. Its mounting flexibility ensures that it is suitable for both DIN radio mount and dash mount. The indicator provides overload protection for individual axles and for the complete vehicle. The indicator can connect to the 511 FreeWeigh, hand held remote display.

TRAILER IDENTIFICATION

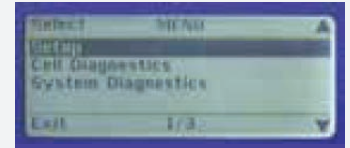
Where tractor and trailer combinations are swapped, **TruckWeigh™** automatically recognises the overload protection system on the trailer, so there is no need to recalibrate everytime the trailer is swapped.

TELEMATICS OUTPUT

Connection to third party tracking systems is easily achieved via the **TruckWeigh™** standard telematics output.



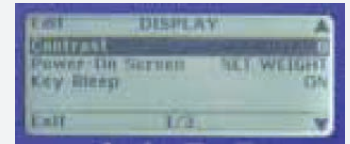
VEHICLE OVERLOAD



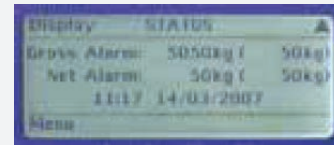
EASY TO SETUP MENUS



AXLE OVERLOAD



USER DEFINED DISPLAY



ALARM SETPOINTS

FEATURES	STANDARD	OPTION
Gross Vehicle Overload	✓	
AxleWatch: Individual Axle Overload	✓	
Built in Alarm Sounder	✓	
Trailer Swap – Trailer Identification	✓	
CAN Bus	✓	
RS232 Output	✓	
Password Protection	✓	
Telematics Output	✓	
Printer – Thermal		✓
Printer – Heavy Duty		✓
Custom Printer Headers		✓
External Sounder		✓
511 FreeWeigh Handheld Display		✓



SPRING SUSPENSION



RUBBER SUSPENSION



AIR SUSPENSION