

# TruckWeigh 1160 System



TruckWeigh 1160 Indicator

## Overload Protection – Load Optimisation

Optimised for road trains and multi trailer HGVs

The TruckWeigh® 1160 System is specifically designed for vehicles with multiple trailers, road trains and all HGV's with mechanical and/or air suspension.

Utilising VPG Onboard Weighing's patented axle transducer technology, the system is simple to install and operate, offering cost effective overload protection for new and existing vehicles.

### Axle Load Monitoring

TruckWeigh systems have no moving parts and are not susceptible to wear or losing their calibration because of stretched springs like those used in other mechanical overload systems. Combinations of our patented axle transducers and/or air pressure transducers obtain the loading condition of each axle or axle group.

### TruckWeigh 1160 Digital Indicator

Specially engineered for on-board use, the TruckWeigh 1160 Indicator is a versatile, modern

display designed to suit a variety of trucks from 7.5 tonne to unlimited gross vehicle weight (GVW). Its mounting flexibility ensures that it is suitable for both DIN radio mount and dash mount.

The indicator provides overload monitoring for individual axles and for the complete vehicle.

### Trailer Identification

Where tractor and trailer combinations are swapped, TruckWeigh 1160 System automatically recognises the overload monitoring system on the trailers, so there is no need to recalibrate every time the trailers are swapped.

### Telematics Output

Connection to third party tracking systems is easily achieved via the TruckWeigh system's standard telematics output.



Digital  
CAN bus



DIN Radio Version



Axle Transducer



Air Pressure Transducer

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**VPG**  
ONBOARD  
WEIGHING

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### Features and Benefits

- Accuracy—better than  $\pm 2.5\%$  (90–100% of GVW)
- Ideal for road trains
- Accommodates unlimited number of axles
- Simple to operate
- Easy to fit to new and existing vehicles
- No driver input required
- Axle and gross overload warnings
- 7.5 tonne to unlimited GVW
- Robust for harsh environments
- AxleWatch
- Trailer identification
- Overload alarm, audible or visual
- Balanced load distribution
- Maximise payload capacity
- Reduce vehicle wear and tear and fuel consumption
- Protect your licence
- Avoid fines and overload endorsements
- VCA certified



Vehicle Overload



Easy-to-set-up Menus



Axle Overload



User Defined Display



Alarm Set Points

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		●



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