TruckWeigh 1160 System



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.





DIN Radio Version



Axle Transducer



Air Pressure Transducer

Airedale House | Canal Road | Bradford BD2 1AG Ph: +44 (0)1274 771177 | Fax: +44 (0)1274 781178 E-mail: obw.eur@vpgsensors.com



vpgonboard.com

TruckWeigh 1160 System



Overload Protection – Load Optimisation

Optimised for road trains and multi trailer HGVs

Accuracy—better than ±2,5% (90-100% of GVW)

Accommodates unlimited number of axles

Easy to fit to new and existing vehicles

Axle and gross overload warnings

Overload alarm, audible or visual

Avoid fines and overload endorsements

Reduce vehicle wear and tear and fuel consumption

Balanced load distribution Maximise payload capacity

Features and Benefits

Ideal for road trains

Simple to operate

AxleWatch

Trailer identification

Protect your licence

VCA certified

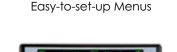
No driver input required

7.5 tonne to unlimited GVW Robust for harsh environments



Vehicle Overload





Axle Overload





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		•



DISCLAIMER: ALL PRODUCTS, PRODUCT SPECIFICATIONS AND DATA ARE SUBJECT TO CHANGE WITHOUT NOTICE. Vishay Precision Group, Inc., its affiliates, agents, and employees, and all persons acting on its or their behalf (collectively, "VPG"), disclaim any and all liability for any errors, inaccuracies or incompleteness contained herein or in any other disclosure relating to any product. The product specifications do not expand or otherwise modify VPG's terms and conditions of purchase, including but not limited to, the warranty expresses contained herein or in any other disclosure relating to any product. The product specifications do not expand or otherwise modify VPG's terms and conditions of purchase, including but not limited to, the warranty expresses contained nerves or warranty; representation or guarantee other than as set forth in the terms and conditions of purchase. To the maximum extent permitted by applicable law, VPG disclaims (i) any and all liability arising out of the application or use of any product, (ii) any and all liability, including without limitation special, consequential or incidental damages, and (iii) any and all implied warranties, including warranties of fitness for particular purpose, non-infringement and merchantability. Information provided in datasheets and/or specifications must and performance may vary over time. Statements regarding the suitability of products for certain types of applications are based on VPG's knowledge of typical requirements that are often placed on VPG products. It is the requirements that are often placed on VPG products. It is the product specification is suitable for use in a particular application. You should ensure you have the current version of the relevant information by contacting VPG pori to performing installation or use of the product, such as on our website at vygesensors.com. No license, express, implications. Fouct the relevant dev this document, or by any conduct of VPG. The products shown herein are not designed for use in life-saving or

For technical questions, contact: obw.usa@vpgsensors.com; obw.eur@vpgsensors.com; obw.asia@vpgsensors.com