VanWeigh® Lite

Wi-Fi Connectivity to Mobile Device

VanWeigh Lite uses
a Wi-Fi enabled device
(e.g. mobile phone or tablet)

Overload Protection
Load Optimization

Optimized for LCV

Axle Load Monitoring

The VanWeigh® Lite axle overload monitoring system is specifically designed for two axled vehicles with standard coil or leaf spring suspension and/or air suspension. Each axle is monitored with a patented solid-state sensor which monitors the load applied to each axle. The information is displayed to the driver on the twin channel digital indicator and an audible alarm sounds if the total vehicle or axle weight maximum is infringed. Audible alarm must be activated by the user. This is due to the operating system of any mobile device.

Axle Transducer

The driver has a choice of three screens:

Screen 1: the standard dial screen view.

Screen 2: an actual weight over each axle plus the GVW in lbs or kgs, and the percent of payload vs load capacity.

Screen 3: a graphical van display with the actual weight in lbs or kgs, and the percent of payload vs load capacity.

The driver will be alerted to three conditions

Safe: indicates loads up to 90% either front or rear axle and total load.

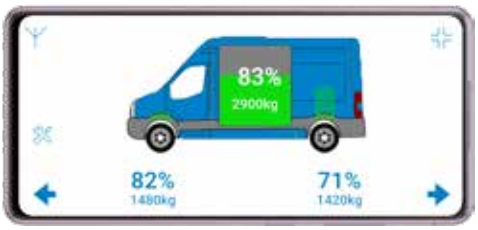
Warning: indicates loads between 90% and 100%.

Overload: alerts the driver to an axle or vehicle infringement above 100% load.

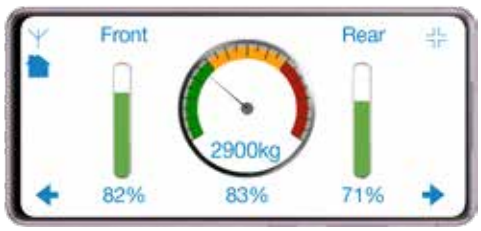
Air Pressure Transducer

Durable

VanWeigh® Lite 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 overload monitoring systems.



Rear Axle
Overload Warning



Safe Indication

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Ph: +44 (0)1274 771177
E-mail: obw.eur@vpgsensors.com

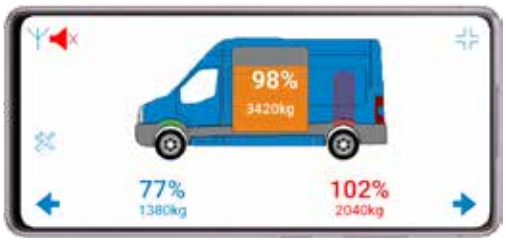
vpgonboard.com

VPG ONBOARD WEIGHING

VanWeigh® Lite

Overload Protection – Load Optimization

Optimized for LCV



Gross Overload Warning

Each Axle Displayed as a Percentage

Features and Benefits

- Better than ±2.5% (90%-100% of GVW)
- Simple to operate
- No driver input required
- Axle overload warnings
- Gross overload warnings
- Balanced load distribution
- Maximize payload capacity
- Operating tolerance of vehicle (braking)
- Possible reduced fuel consumption
- Reduce vehicle wear and tear
- Protect your license
- Avoid fines
- Avoid overload endorsements

System Specification

Accuracy:	Better than ±2.5% (90%-100% of GVW)
Safe Weight Setting:	Up to 90%
Warning:	90%–100%
Overload Setting:	Over 100%
Power Supply:	12/24 Volt
Operating Current:	<200mA
Standby Current:	<5 mA