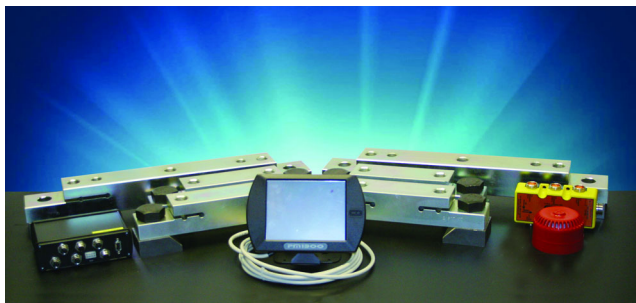


On-Board Weighing System for Waste and Refuse Collection



DISPLAY

- Dash mount only
- Gross/net weight
- Individual axle weights
- Stability indication
- Diagnostics

FEATURES

- Capacity - 17 to 32 tonne GVW
- Accuracy - $\pm 0.5\%$ FSD
- Net payload/gross weight display
- Packer plate shutdown
- Print and zero function
- AxleWatch - individual axle weights
- Alarm sounder
- CANbus or analogue
- Password protection

OPTIONAL FEATURES

- Packer plate shutdown key switch
- Printer - thermal or heavy duty
- Custom printer headers
- 511 FreeWeigh - hand held remote display
- Up to 3 cameras can be used

DESCRIPTION

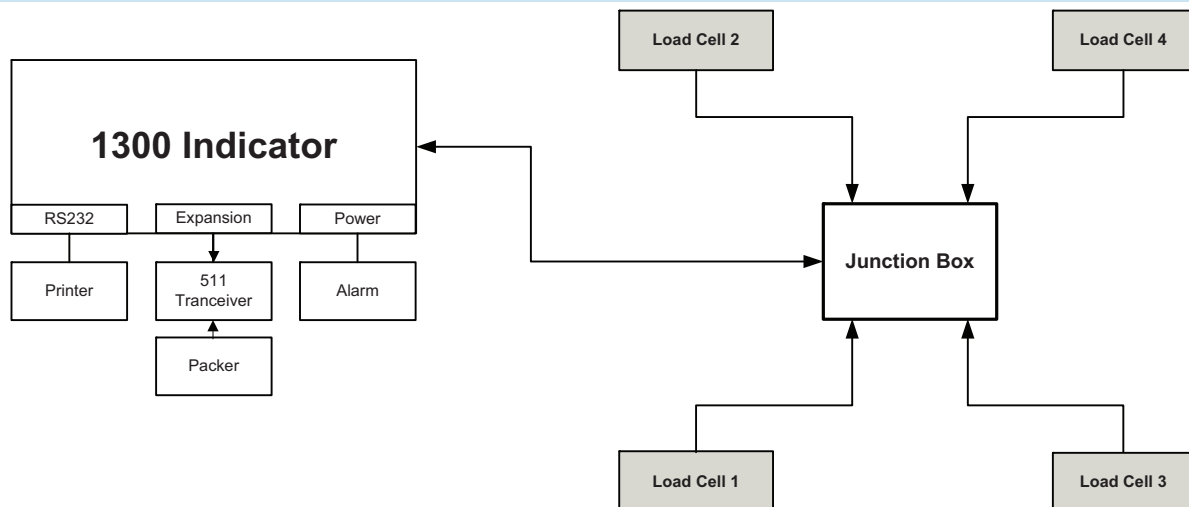
PM Onboard's integrated weighing system WasteWeigh, provides continuous and precise weight information for payload control and operational efficiency.

WasteWeigh may be used in conjunction with PM Onboard's in-cab digital indicators, the 1155 and 1300, both of which are suited to almost all types of waste and recycling operation. The 1300 uses a TFT touch screen for easy navigation through the available options and provides continuous weight data together with selectable axle weights, packer plate shutdown, intelligent barrier and retro compatibility (for new and existing systems). It also accepts CCTV signals allowing feed from upto three safety cameras to be displayed directly on the same indicator unit as the loading information.

APPLICATIONS

- Waste
- Refuse
- Recycling

SYSTEM BLOCK DIAGRAM*



* 4 cell system shown, can be 6 or 8 cells.

On-Board Weighing System for Waste and Refuse Collection

SPECIFICATIONS				
PARAMETERS	MINIMUM	TYPICAL	MAXIMUM	UNIT
SYSTEM				
Accuracy	0.5			% of Full Scale
Supply voltage	15		30	Vdc
Supply current - operation	380		910	mA (depending on supply voltage)
Supply current - standby	12		21	mA (depending on supply voltage)
Video standard output	PAL I			
Video input - camera	PAL I			
Camera power spec	12v, 200mA, per camera			
Digital inputs	2, drive with 12 - 30v (+ve)			
Digital outputs	2, low side switching			
Operating temperature	0		+ 60	°C
Environmental protection	IP21			
Pasword protection	4 digits, manager and user PIN			
SCREEN				
Size	6.4			Inches
Operating temperature	0		60	°C
Supply voltage	15		30	Vdc
Supply current - operation	180		500	mA (depending on supply voltage)
Supply current - standby	12		20	mA (depending on supply voltage)
Video standard	PAL or NTSC			
Touchscreen type	Resistive			
Environmental protection	IP51			
INTERFACES				
Serial communications	CANbus 2.0 b			
RS232: - Baud rate - Connector	2400, 4800, 9600, 19200 9 pin - printer			bps
Power/alarm connector	8 way rectangular			
Cable to indicator	8 way			
Camera connectors	8 way			
Load cell connector	4 way			
LOAD CELLS				
Load cell types	Up to 8 CANbus or analogue load cells			
ACCESSORIES AND OPTIONS				
Overload alarm - visual	On screen display of weight			
Overload alarm - audible	Optional alarm on vehicle			
Alarm output (at 24Vdc)	102			dB(A)
511 FreeWeigh compatible	Wireless remote unit, 868 MHz, 15 channels			
Load deliver capability				
Printer capability	Impact or heavy duty type			
Adjustable bracket				



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 expressed therein.

VPG makes no 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 may vary from actual results in different applications 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 customer's responsibility to validate that a particular product with the properties described in 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 prior to performing installation or use of the product, such as on our website at vpgsensors.com.

No license, express, implied, or otherwise, to any intellectual property rights is granted by this document, or by any conduct of VPG.

The products shown herein are not designed for use in life-saving or life-sustaining applications unless otherwise expressly indicated. Customers using or selling VPG products not expressly indicated for use in such applications do so entirely at their own risk and agree to fully indemnify VPG for any damages arising or resulting from such use or sale. Please contact authorized VPG personnel to obtain written terms and conditions regarding products designed for such applications.

Product names and markings noted herein may be trademarks of their respective owners.

Copyright Vishay Precision Group, Inc., 2014. All rights reserved.