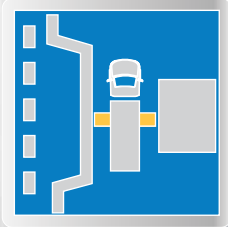




## **Low-Speed WIM Scale System**

Fast, Accurate Axle & Gross Weighing for all Vehicle Types



LOW-SPEED WIM



### ***In-Ground, Weigh-In-Motion Scale Offers Superior Accuracy for High Volume Vehicle Weighing***

Maximize throughput by weighing at speeds of up to 20mph (35km/h) for applications which require monitoring payloads, compliance or overweight enforcement. Save valuable time while accurately capturing weight related data at entry/exit ports, freight terminals, toll and commercial weigh stations.

The axle scale consists of a single deck with four integrated stainless steel, hermetically sealed shear beam load cells which are certified for accuracy and performance by U.S. and European government metrology authorities providing for excellent off-center loading and long term stability. For installation, the scale only requires positioning and securing on the mounting frame while the overall depth is just 12.5in (318mm) thereby minimizing civil works and improving ease of maintenance.

Systems are available with a CPU and output to a PC using ethernet connectivity. IntercompWIM™ software collects axle, group and gross vehicle weight and outputs flexible tickets and summary reports. Alternatively developers can integrate into their own IT systems using analog output from the scale or Intercomp supplied API from the CPU. Configure attended and unattended systems using control barriers, traffic lights, signs & cameras to satisfy a wide range of applications.



### ***LS-WIM Scale System***

- Tolling/Weight Enforcement
- Weigh Stations/  
Overweight Ticketing
- Ports & Freight Terminals



## Low-Speed Weigh-In-Motion Scale System



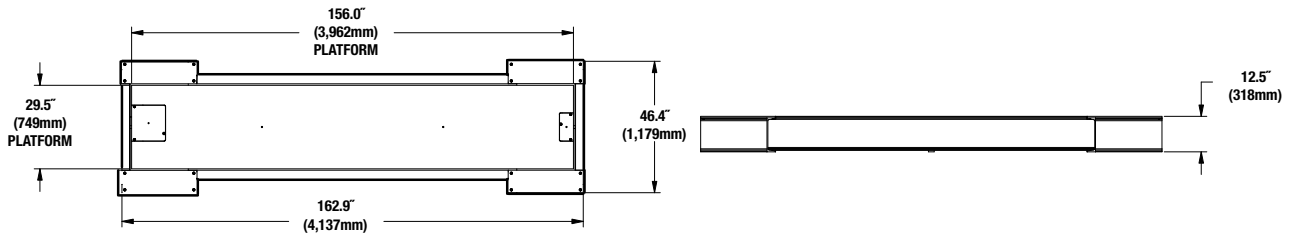
### WIM4 CPU

The Intercomp WIM4 CPU provides signal conditioning, data acquisition, and basic processing for the WIM system. Configurations include scale and loop inputs, with RS232, traffic light, and ethernet outputs. Information output includes axle weights, speed, and axle spacing for further software processing. This data is integrated into the customer system to calculate Gross Vehicle Weight (GVW) via Windows based API output or by utilizing IntercompWIM software.



### IntercompWIM™ Software

The WIM software automates the entire weighing process. It is capable of identifying Vehicle Class, Gross Vehicle Weight, Axle Weight and provides Data Storage to produce a full array of reports for record keeping and data analysis. Actual weights can be compared to legal limits for enforcement purposes, as well as generating tickets on site.



#### LS-WIM Scale Specifications

Capacity	45,000lb (20,000 kg)*
Dimensions	162.9in x 29.5in (4,137mm x 749mm)
Deck Thickness	8.2in (208mm)
Vehicle Speed Range	0mph to 20mph (0km/hr to 35km/hr)
Operating Temperature Range	-29° to 165°F (-34° to 74°C)
Power	110/220V 50/60 Hz
Cable Type	6 Conductor Cable with Shield, ± Excitation, ± Signal, ± Sense
Cable Length	100ft (30m) — Custom Lengths Available per Customer Request
Recommended Excitation	5-10V
IP Rating	IP68

\*Higher Capacities are Available

#### Accuracy

Static Accuracy	±0.1% of Verified Gross Weight
Dynamic Accuracy	1-2% at Low Speeds**

\*\*Site Conditions & Vehicle Speeds Can Affect GVW Accuracy

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Specifications subject to change without notice.



ISO 9001:2008  
Registered

