![Intercomp logo — advanced weighing technology . . . by any measure]

Weigh-In-Motion
Systems

Weigh-In-Motion at the Gate

Measuring cargo and vehicle weights are a necessary component of operations at intermodal terminals. However, static weighing causes vehicle congestion, and terminal efficiency at the gate has decreased in the process.

> "It is essential that the verified gross mass is obtained before the container is physically loaded on to a ship."
> -SOLAS Chapter VI, 7.2

Automate gate processes, with Gross Vehicle Weights, vehicle ID, images, and cargo profile incorporated into a WIM system.

Intercomp's Weigh-In-Motion (WIM) systems have been employed to gather vehicle and/or cargo gross weights, and to remedy delays at the gate due to queuing of trucks for weights via static weighbridges. Keeping traffic moving through terminals while collecting accurate weights enables vehicle and port operators to avoid costly delays.

Benefits to the Operators Include:

- *Increased Capacity* - Process Traffic With WIM, Minimizing Need for Truck Holding Areas
- *Improved Productivity* - Automating Transactions, Decreasing Data Errors & Increasing Traffic Flow
- *Environmental* - Advance Green Initiatives by Minimizing Truck Idling Time

Low-Speed Weigh-In-Motion (LS-WIM) scales provide excellent accuracy with a high-quality, durable scale.

Two different Intercomp systems may be used, with either precision platform scales or WIM strip sensors installed in traffic lanes. Incorporated with technology such as cameras for license plate recognition, and other sensors (RFID, lasers, etc,) these systems can be integrated with gate software for rapid vehicle processing.

As cargo ship size and container traffic are projected to continue to increase, WIM technology at the gate will be an important tool for identifying gross weights of vehicles and cargo, while maintaining high vehicle throughput at gates in port terminals.

View Intercomp's WIM systems here:
https://youtu.be/m2Q_xKREnJs

Strip Sensors can be installed in a single day for WIM operation across a wide speed range.