

Weigh-In-Motion Strip Sensors

Axle & Gross Weighing up to Mainline Speeds



**Weigh-In-Motion Strip Sensors Combine Accuracy & Stability
in a Small Footprint for High-Volume Traffic Applications**

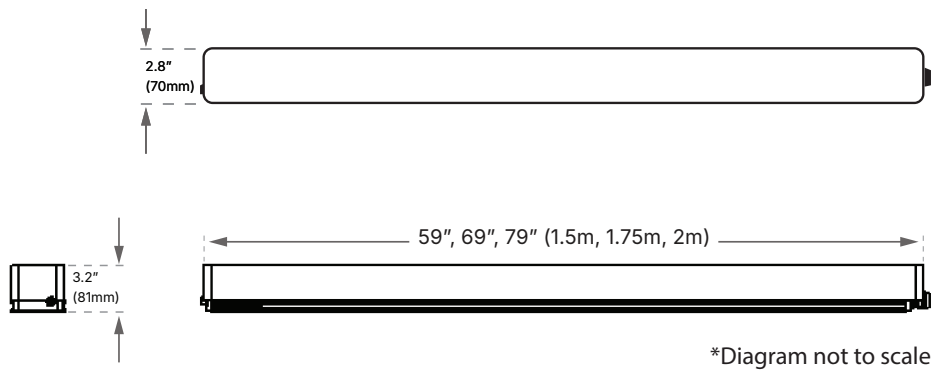
Weigh-In-Motion Strip Sensors offer a unique alternative to traditional WIM scales. Intercomp strip sensors use the same strain gauge based technology utilized in static vehicle scales and are OIML R134 certified. This technology takes full advantage of the fast response times and large sampling rates to achieve long term accuracy and stability. As with traditional WIM sensors, Intercomp strip sensors are installed into just 3" (75 mm) channels in the roadway minimizing required time for installation and maintenance.

WIM Strip Sensors can be configured in sets of 1, 2, 3, or 4 pairs of strips depending on the application and required accuracy. When combined with cameras, detectors and data transmission devices, they are capable of serving as stand-alone virtual remote weigh stations. The sensors can also be configured to work in tandem with commercial weigh stations as a screening device enabling enforcement to focus efforts on the most probable offenders.

Weigh-In-Motion Strip Sensors

Intercomp's Strip Sensors utilize strain gauge technology which is widely accepted as the most accurate and reliable means to weigh a vehicle. This revolutionary Weigh-In-Motion strain gauge based design provides an alternative to traditional sensor-based technology.

Intercomp Strip Sensors are are OIML R134 5E and 10F certified and capable of meeting or exceeding ASTM E1318-09 Type I, Type II, Type III and COST 323 A(5), B+(7) or B(10) performance requirements. Installed within 3" (75 mm) wide channels in the pavement, the sensor delivers lower cost because of the minimal time & labor associated with installation and maintenance.

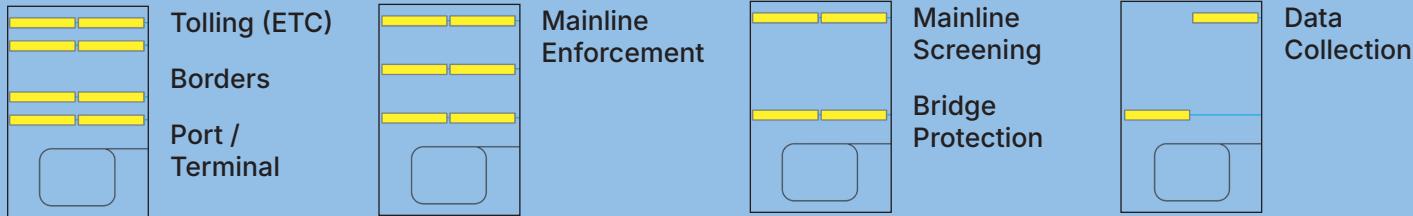


Specifications

LENGTH*	59 in (1.50 m)	69 in (1.75 m)	79 in (2.00 m)
WEIGHT (NOT INCLUDING CABLE)	38 lb (17 kg)	45 lb (21 kg)	52 lb (24 kg)
SENSOR WIDTH	2.8 in (70 mm)		
VEHICLE SPEED RANGE	2mph (3km/h) to above 100 mph (160km/hr)		
OPERATING TEMPERATURE RANGE	-40° to 175°F (-40° to 80°C)		
CABLE TYPE	6/8 Conductor Cable with Shield, ± Excitation, ± Signal, ± Sens		
CABLE LENGTH	131 ft (40 m) or 328 ft (100 m)— Custom Lengths Available per Request		
RECOMMENDED EXCITATION	5-10 V		
IP RATING	IP68, EN60529		

*Custom Lengths Available

Example Site Configurations



info@intercompcompany.com
Worldwide: +1 763-476-2531
Toll Free: 800-328-3336

© 2025 Intercomp Company



intercompcompany.com

Specifications subject to change without notice.
ISO 9001:2015 Registered



Printed in the U.S.A. 700722