



**We make
highways
talk™**

- MANAGEMENT
- SAFETY
- PRESERVATION

International Road Dynamics Inc. develops and maintains traffic management products and systems technology that make highways talk. What are they saying? They are providing information that roadway administrators need to manage traffic, preserve infrastructure and provide safety warnings to drivers.

IRD's multi-discipline, innovative and customer-focused team is expert in advanced technologies, advanced traffic solutions and custom-designed systems.



**CUSTOMER
DRIVEN™**

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Secure1250 Tire Deflator



Easy-to-Install • Cost-Effective

- Parking lot/driveway security
- Border crossing
- Toll operations
- Anywhere you need to stop a vehicle FAST!

The IRD Secure1250 is a permanent in-road security solution to assist in stopping violations by disabling the vehicle. Useful in both high-security and low-security situations, the tire deflator is relay-activated and can be integrated into a controlled parking system, or manually operated by security personnel.

The system is controlled by a hydraulic motor which allows operators to raise and lower tire spikes with the push of a button. This gives the operator control over which vehicles cross the system. Modular construction allows the Secure1250 to be fitted to any application.

Secure1250 Tire Deflator

MODULES

The IRD Secure1250 tire deflator consists of three modules:

TIRE DEFLATOR

The tire deflator has a height of 110 mm (4.3 in), a width of 350 mm (13.8 in), and a length of 1250 mm (49.2 in). The deflator has two axles with 12 spikes each, 24 steel spikes in total, mounted on 4 sealed bearings.

SPACER

The spacer has a height of 110 mm (4.3 in), a width of 350 mm (13.8 in) and a length 500 mm (19.7 in). The spacer module is used to connect the motor and/or tire deflator module, allowing for a total length flexibility.

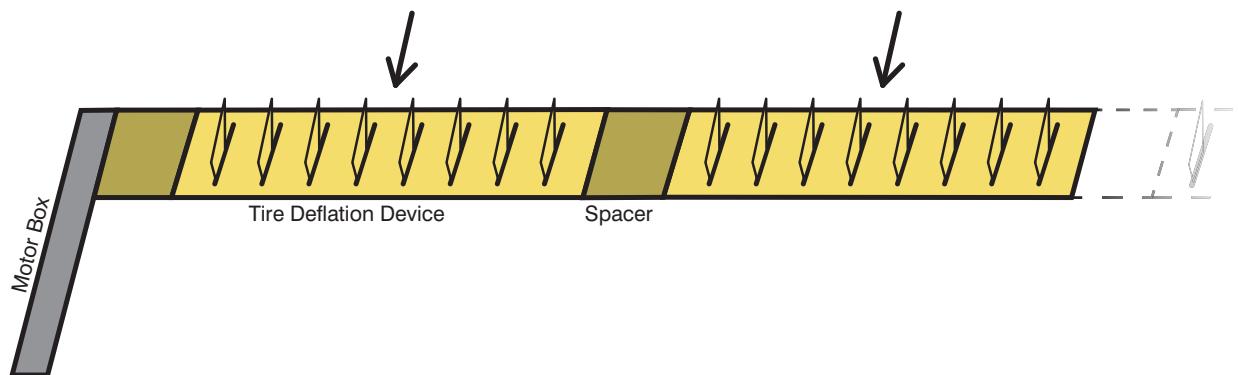
MOTOR

The motor box has a height of 300 mm (11.8 in), a width of 200 mm (7.9 in) and a length of 1000 mm (39.4 in). A hydraulic motor provides movement by means of a steel joint, designed to fit a spacer as well as a tire deflator module, achieving the desired configuration by the client.

SPECIFICATIONS

IRD SECURE1250	LENGTH	WIDTH	HEIGHT
Tire Deflation Device	1250 mm 49.2 in	350 mm 13.8 in	110 mm 4.3 in
Spacer	500 mm 19.7 in	350 mm 13.8 in	110 mm 4.3 in
Motor Box	1000 mm 39.4 in	200 mm 7.9 in	300 mm 11.8 in

INSTALLATION LAYOUT



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