

# ROAD RUNNER<sup>3</sup>

A high resolution timestamp data recorder and classifier in a compact and rugged unit



**DIAMOND**  
TRAFFIC PRODUCTS

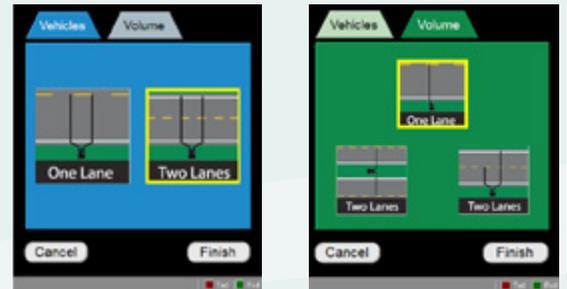
*Accuracy redefined; simply powerful.*

## Set Up



Field set-up is a breeze in all weather and space conditions. Set road tubes for counting one or two lanes, attach them to the Road Runner, and lock it on the roadside. The unit is always counting.

## Collect Data



Choose a layout for classifying ... or for counting.

Use the free **Centurion** Windows software or **Optio** Android app for easy field programming, data retrieval, and monitoring.

## Analyze and Share

Free downloadable software provides powerful data analysis in the field or office. Charts and graphs are editable and customizable and can be exported in multiple report styles.



To read the data, use the USB cable to connect to your computer or phone. Downloading instructions are clear and simple to follow.

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*“The new Road Runner 3 is a great value,” says Colin Gibson, Vice President of Product Development. “We listened to our customers to create a solid product that will last and be more accurate than units that cost twice as much or more. The price and feature set offer a value in the market place for large and small customers alike.”*

The Road Runner 3 is manufactured with usability and flexibility for any user that needs to collect portable count or classification data.

The Road Runner 3 is a high resolution timestamp data recorder and powerful vehicle classifier in a compact and rugged unit. Designed with the utmost consideration for reliability, ease of use, and uncompromising accuracy; the Road Runner 3 is the best value on the market.

Backed by industry-leading customer service, the Road Runner 3 provides a complete solution to any portable traffic count study with equal or better data than any road tube unit and at the most affordable price.



Easy to transport and store, 20 units easily fit into a shoebox. You can carry a full compliment into the field on a bike or on foot.

◆ **Count up to 4 lanes - Classify up to 2 lanes**

◆ **Reliable, simple installation**

Easy to use; can be safely installed by one person in just a few minutes. Plug into it and you're counting

◆ **Waterproof**

Operates in all weather conditions, even submerged!

◆ **Large Memory Capacity**

Large memory size that holds 120 million timestamps; about 25 million vehicles

◆ **No Maintenance**

No batteries to change and with a ruggedized communication port, the unit is completely encapsulated and protected

◆ **Smart-sensor**

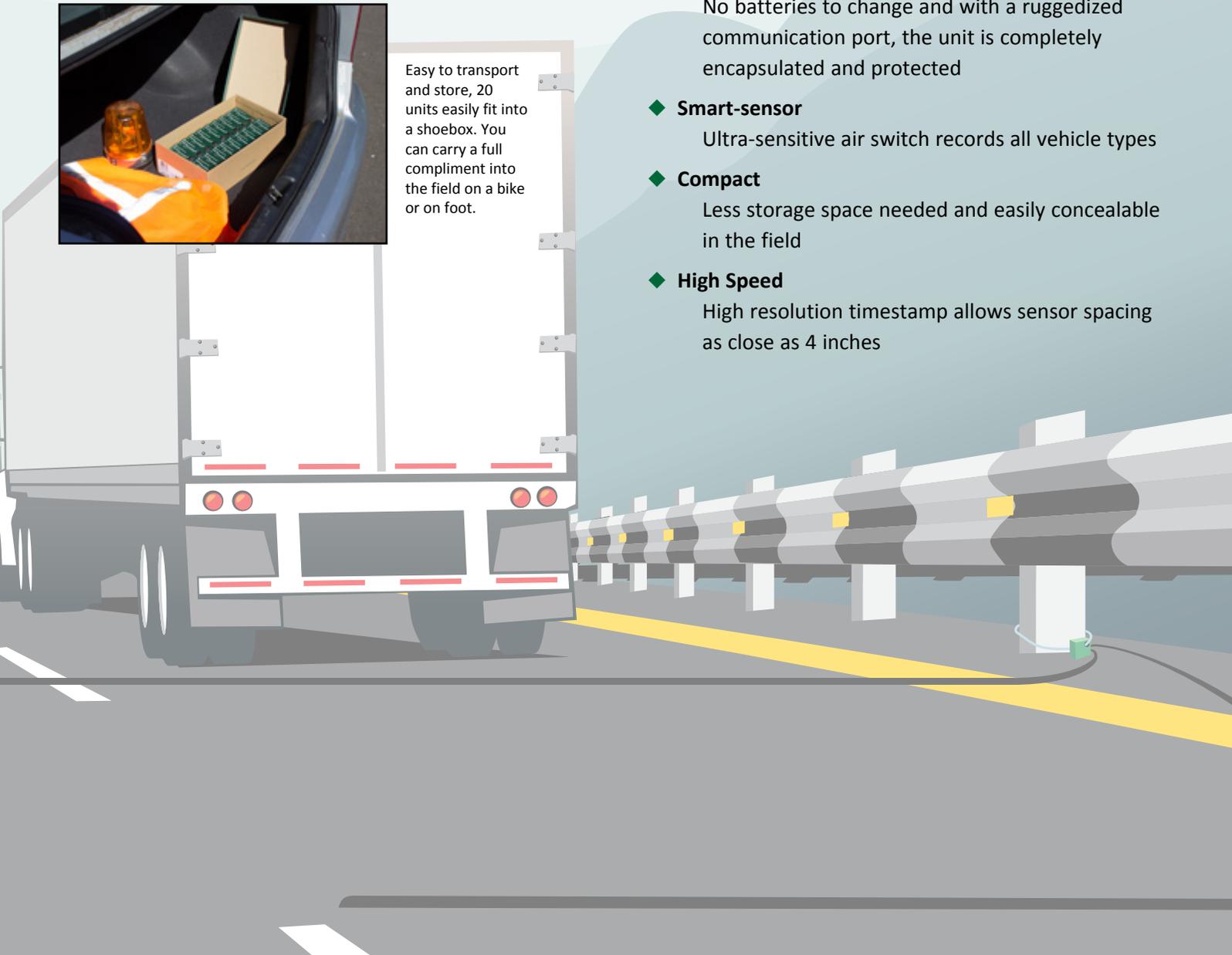
Ultra-sensitive air switch records all vehicle types

◆ **Compact**

Less storage space needed and easily concealable in the field

◆ **High Speed**

High resolution timestamp allows sensor spacing as close as 4 inches



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*Reliable. Simple. Accurate.*

## Data Event Recording:

2 Channel Event Timestamp data at a resolution of 30.5uS (0.0000305 sec). Adjustable timeout range of 1-2000ms per channel

## Case:

Machined 6061 aircraft aluminum casing for strength against vandalism and elements

## Size:

3.5" x 2.5" x 1.25" (8.9 x 6.4 x 3.2cm), fits in the palm of your hand

## Weight:

Compact at under 14 ounces (less than 1lb)

## Power:

Engineered ten (10) year lithium long-life battery

## Dual Tube Nozzle:

Mini (low profile) or standard tube sizes

## Output Port:

Military spec weather resistant plug for high speed communication via USB cable. Up to 12MBaud download speeds

## Free PC Software:

Centurion Free is a complete and comprehensive software package that includes common export and printing formats such as Excel, PDF, text, and more

- Windows based
- Easy to use
- Powerful data analysis

## Free Android App:

Optio software allows for easy and quick field programming, data download, traffic monitoring, and office file transfer

## Memory Capacity:

256MB flash chip holds 120 million timestamps; approximately 25 million vehicles. Can store up to 65k individual studies

## Environmental Temperature Range:

-40°F to +160° F (-40° C to 72° C)

**The Road Runner 3 comes with an unparalleled eight (8) year Limited Warranty.**



## About Diamond Traffic Products:

Since 1977 we've been expertly manufacturing the most reliable, simple and cost effective solutions for collecting and processing vehicle traffic data.

Diamond Traffic Products cover nearly every traffic measurement niche. We are an industry leader in counters and classifiers for vehicle as well as bicycle and pedestrian traffic, off-road and remote trail usage.

Our specialty is solutions-based traffic measurement and reporting products. Diamond Traffic Products are designed, developed and manufactured in the USA.



*"...your products are top of the line, your support is top of the line, and your software Centurion is one of the best out there!"*

*— DOT Senior Engineering Technician*

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