



# THE JAMAR RADAR RECORDER ***BUYERS GUIDE*** FOR POLICE DEPARTMENTS & LAW ENFORCEMENT





*"I see cars flying by my house every day!"*

Sound familiar?



YOU KNOW WHAT A CITIZEN IS SAYING ABOUT  
TRAFFIC IN THEIR NEIGHBORHOOD...  
NOW FIND OUT WHAT THE EVIDENCE SAYS...

OUR **RADAR RECORDERS** ARE CHANGING HOW PDS  
**COLLECT** AND **ANALYZE**  
**SPEED DATA**



JAMAR TECHNOLOGIES, INC.  
1500 INDUSTRY RD., SUITE C. HATFIELD, PA 19440  
800-776-0940  
WWW.JAMARTECH.COM





Introducing

**STARnext**

Speed Enforcement Software  
*for Police Departments*



**Create COMPREHENSIVE Reports**



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## *“Why do I need JAMAR...”*

### ***“...if my department already has a speed trailer?”***

Speed trailers are an outdated concept. They are unnecessarily big and heavy. They are also seen too often by citizens to be effective. Even the trailers that collect data are misleading. Large, lit up, police devices in the roadway cause drivers to do one thing, slow down. Although the slower speed is good temporarily, **you cannot rely on data that was collected with a device that clearly affected the driver's habits.**

*The JAMAR Radar system sets up in minutes, while only requiring one officer. Your citizens will not know the Radar Recorder is collecting their speeds. You will get unbiased, accurate data, that can be used to generate real and effective speed data reports.*

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### ***“...if my department already has a speed sign?”***

Speed signs are a step up from speed trailers; they are easy to set up and are great public relation tools. However, the speed sign is basically telling citizens what they already know. Your city already has posted speed limit signs. A light up sign is not any more effective in the long term. Much like speed trailers, a speed sign may temporarily slow down traffic. **But does it help your overall speeding issue? How would you know if it did?**

*The JAMAR Radar system will allow you to collect accurate speed data before and after your enforcement efforts. The JAMAR software, will even generate reports to help you determine when and where your enforcement efforts are most needed. The STARnext Software allows you to clearly see how your enforcement has helped.*

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### ***“...if my department sends an officer to follow up on speeding complaints?”***

How often do you deploy officers to verify/legitimize a speeding complaint?  
**How much time/money does it cost** to have an officer follow up on complaints?  
How many of those complaints have proven to be exaggerated?

*The JAMAR Radar system allows you to collect data before an officer ever has to spend valuable time at the site. With the accurate data collected, you can decide if there is a problem, and how to address it. You are saving huge amounts of time, energy, manpower and money.*





***BLACK CAT II***  
RADAR RECORDER





## *Covert 'BLACK BOX' Recording*

Using a JAMAR Radar Recorder allows you to gather hard evidence of whether or not a problem really exists. This data can be used to find where stepped up enforcement is really needed, or to end arguments over speeding traffic.

## *End the Arguments over Speeding Complaints*

A common issue police officers are faced with is complaints about speeding. However, a citizen's perception of traffic speeds does not always match up with what is really happening. One way to address the issue is to place an officer at the location, gathering speed data. Unfortunately, with today's tight budgets and limited resources, it can be difficult to justify the time involved for this...

*That's where we come in!*

## *Monitor Speeds Covertly, in Real-Time*

With the standard wireless Bluetooth in your Radar Recorder, you don't have to worry about weather conditions to download your data. Rain or snow, hot or cold, download of the unit can be done from inside your vehicle. In addition, you can view data in real time from around a corner or down the road, so you will not be altering driver behavior by standing or being parked next to the Radar Recorder.

## *Resolves Speeding Complaints!*





**GEN 2**  
RADAR RECORDER





## ***Speed Enforcement Evaluator***

The Radar Recorder is mobile and easy to install. It records a vehicle's speed, direction and length, all while keeping track of traffic volumes. This equipment uses state-of-the-art microprocessor technology, and will record vehicle data with a high degree of accuracy, **eliminating guess work** (and second guessing).

The **Speed Enforcement Evaluator** is a simple, one-page report that concisely displays whether or not a speeding problem exists, based on the percentage of enforceable violations. Using an **easy to understand, highly visual format**, the report makes for an excellent hand-out at public meetings.

## ***Determine the Best Times for Enforcement***

In those cases where the data collection has shown that a speeding problem really does exist, typically the next step is to perform enforcement at the location.

Determining what time of the day will enable you to catch the most violators and **use your time effectively** is the job of the **Best Times for Enforcement Report**.

This report details, on a daily basis, what times of the day have the largest number of enforceable violations. This information is provided not only for all the traffic, but on a directional basis as well.

## ***Determine the Best Locations for Enforcement***

Knowing when the best time to do enforcement at a location is certainly helpful, but what do you do if you have many locations that are all in need of enforcement? **Determining how to prioritize** the various locations that need it is the job of the **Enforcement Scheduler**.

The Enforcement Scheduler allows you to **create a searchable database** of all the locations in need of enforcement so you can quickly and easily determine the best deployment of personnel. You can also attach data files to these records which allows you to compare speed data both before and after enforcement is done to see how effective it has been.

## ***Evaluate Enforcement Effectiveness***

Once you've done enforcement at a location, you can collect additional data at that site and do a before and after comparison study. This gives you a way to **measure how effective** the enforcement was in reducing speeding.

The **Enforcement Effectiveness Evaluator** emphasizes any change for the better that resulted from your enforcement efforts. This report makes for an excellent follow up for those who requested the enforcement detail.



# JAMAR Technologies, Inc.

1500 Industry Rd., Suite C

Hatfield, PA 19440

800-776-0940

## SPEED DATA ANALYSIS

### Location



Schwab Rd  
Moyer Rd  
Latitude: 40.259282  
Longitude: -75.282923



### Analysis Time Period



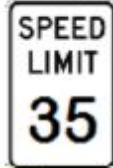
Start End  
5/24/2019 5/28/2019  
4:39 PM 4:08 PM

### Vehicles Analyzed



5,879

### Speed Limit



35

### Total Enforceable Violations



576

### % Enforceable Violations



10%

### Average Speed



38

### 85th Percentile Speed



44

### Enforcement Rating

MEDIUM

### Peak Time of Violations



5/26/2019  
1:39 PM

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### Speed Enforcement Evaluator

#### Location

Schwab Rd

#### Total Percentage of Enforceable Violations

#### Closest Cross Street

Moyer Rd

Posted Speed Limit 35 MPH  
Enforcement Tolerance 10 MPH  
Enforcement Limit Greater than 45 MPH

#### Analysis Dates

Start: 5/24/2019

End: 5/28/2019

#### Equipment Used

JAMAR Radar Recorder

#### Installed By

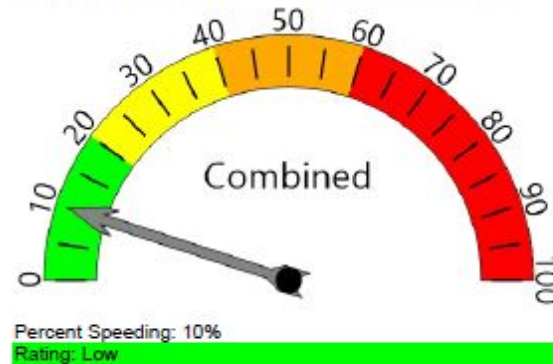
Brendan Thompson

#### Requested By

Jim Martin

#### ADT

1780



#### Vehicle Totals - Combined

<= 29	<= 32	<= 35	<= 38	<= 41	<= 44	<= 47	<= 50	<= 53	<= 56	<= 59	<= 62	<= 65	> 65
386	457	777	1197	1137	917	567	273	99	42	18	3	6	3

#### Vehicle Totals - North, Lane 1

<= 29	<= 32	<= 35	<= 38	<= 41	<= 44	<= 47	<= 50	<= 53	<= 56	<= 59	<= 62	<= 65	> 65
214	274	461	623	546	386	203	65	24	12	1	1	0	1

#### Vehicle Totals - South, Lane 2

<= 29	<= 32	<= 35	<= 38	<= 41	<= 44	<= 47	<= 50	<= 53	<= 56	<= 59	<= 62	<= 65	> 65
171	183	326	574	591	531	364	208	75	30	15	2	6	2



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**Speed Enforcement Evaluator**
**Location**

Schwab Rd

**Total Percentage of  
Enforceable Violations**
**Closest Cross Street**

Moyer Rd

Posted Speed Limit 35 MPH  
Enforcement Tolerance 10 MPH  
Enforcement Limit Greater than 45 MPH

**Analysis Dates**

Start: 5/24/2019

End: 5/28/2019

**Equipment Used**

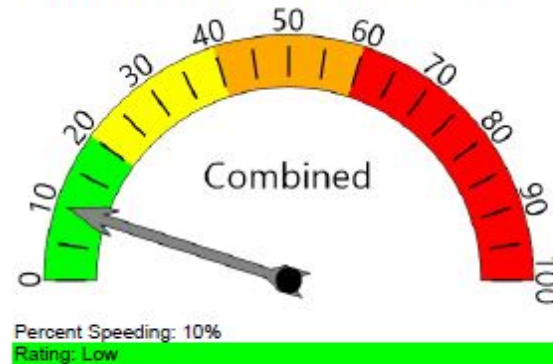
JAMAR Radar Recorder

**Installed By**

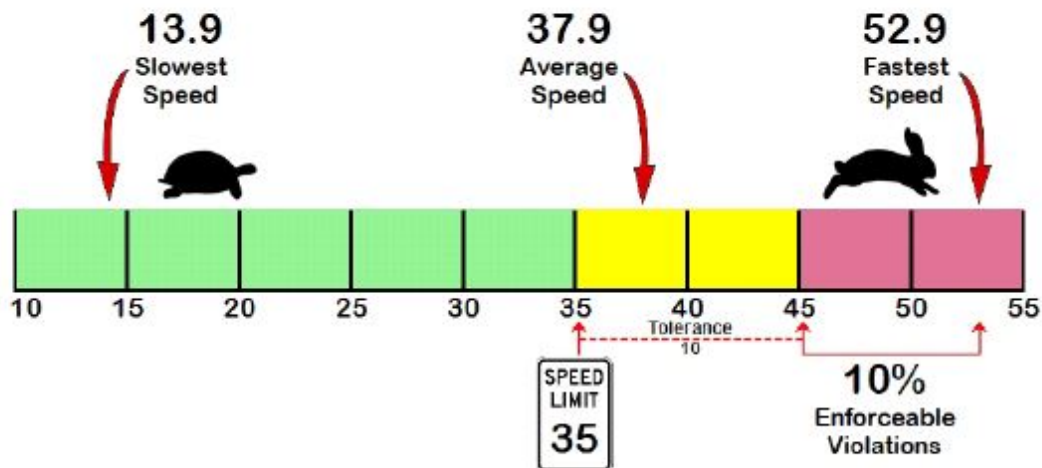
Brendan Thompson

**Requested By**

Jim Martin


**ADT**

1780





Police Enforcement Scheduler - Moyer RdSchwab Rd

Home Edit/Print Search

Save Changes Cancel Changes

Officer's Report Post Enforcement Report Before-After Report

Scheduled Status: Not Scheduled Assigned Status: Assigned Status: Open

Before Study: into tpro After Study: None

Attach Pre-enforcement Speed Study Attach Post-enforcement Speed Study

Speed Study - Before Enforcement Speed Study - After Enforcement

Location Enforcement Details Scheduling Post Enforcement

Location Moyer Rd Schwab Rd

Site Code 00170001

Station ID 111111


GPS 40.257459, -75.281306 Edit GPS Data

School Zone ☒ No

Direction 1 North, Lane 1

Direction 2 South, Lane 2

Comments Speeding complaints reduced by 75%







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Site Code: 00170001  
 Station ID:  
 Location 1: Moyer Rd  
 Location 2: Schwab Rd  
 Latitude: 0.000000  
 Longitude: 0.000000  
 Direction: North, Lane 1

File Name: into tpro  
 Date Printed: 6/4/2019  
 Start Date: 5/24/2019  
 End Date: 5/28/2019  
 GPS Accuracy: 0ft  
 Location Verified: No

5/28/2019	> 15 - 20	> 20 - 25	> 25 - 30	> 30 - 35	> 35 - 40	> 40 - 45	> 45 - 50	> 50 - 55	> 55 - 60	> 60 - 65	> 65 - 70	> 70 MPH	Total
Time 0 - 15 MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH	MPH		
12:00 AM	0	0	1	0	3	3	0	0	0	0	0	0	7
1:00	0	0	0	0	0	2	0	0	0	0	0	0	2
2:00	0	0	0	1	0	0	0	0	0	0	0	0	1
3:00	0	0	0	0	1	2	0	0	0	0	0	0	3
4:00	0	0	0	2	4	3	1	0	0	0	0	0	10
5:00	0	0	0	1	3	10	1	0	0	0	0	0	15
6:00	0	0	3	3	11	13	4	0	0	0	0	0	34
7:00	0	0	1	7	10	18	2	0	0	0	0	0	38
8:00	1	0	2	3	10	12	2	0	0	0	0	0	30
9:00	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00	0	0	1	1	0	0	0	0	0	0	0	0	2
11:00	0	1	1	1	0	0	0	0	0	0	0	0	3
12:00 PM	5	3	2	0	0	0	0	0	0	0	0	0	10
1:00	0	0	2	0	0	0	0	0	0	0	0	0	2
2:00	0	45	153	0	0	0	0	0	0	0	0	0	198
3:00	10	2	1	0	0	0	0	0	0	0	0	0	13
4:00	*	*	*	*	*	*	*	*	*	*	*	*	0
5:00	*	*	*	*	*	*	*	*	*	*	*	*	0
6:00	*	*	*	*	*	*	*	*	*	*	*	*	0
7:00	*	*	*	*	*	*	*	*	*	*	*	*	0
8:00	*	*	*	*	*	*	*	*	*	*	*	*	0
9:00	*	*	*	*	*	*	*	*	*	*	*	*	0
10:00	*	*	*	*	*	*	*	*	*	*	*	*	0
11:00	*	*	*	*	*	*	*	*	*	*	*	*	0
Total	16	51	167	19	42	63	10	0	0	0	0	0	368
Grand Total	20	62	214	231	695	1067	156	0	0	0	0	0	2445
Stats													
Percentile													
Speed													
Mean Speed (Average)													
10 MPH Pace Speed													
Number in Pace													
Percent in Pace													
Number > 45 MPH													
Percent > 45 MPH													



## The JAMAR Purchase Process

*We know it can be overwhelming trying to sort through all the available types of speed enforcement equipment. Price and value are always important, but to make it all come together, you need to work with a company that is proven, trustworthy and knowledgeable. No matter your current experience level, we can make you an expert in speed data collection and speed data analysis!*

***We make it easy to buy from us!***

**Streamlined purchase process for government agencies:**

Questions, Quotes, Ordering, Shipping Info, Warranty Info, Technical Support; all provided by your dedicated JAMAR representative.

**Multiple ways to contact us for pricing and purchasing questions:**

Phone: 800-776-0940      Fax: 215-361-2267      Email: [sales@jamartech.com](mailto:sales@jamartech.com)

**Talk to a real person, every time you call:**

Call us M-F 8:30 AM - 5:00 PM. A friendly JAMAR representative will personally answer the phone!

**Automatic Net 30 Invoicing for government agencies:**

No payments, checks or credit cards needed to make purchase. Just provide us with a PO number, or an email confirming the purchase, and we will ship the equipment and send a Net 30 invoice.

**30-day return policy for government agencies:**

If the equipment does not do what we say it will do, you can send it back within 30 days.

**Sole Source Provider:**

Prevent the long process of multiple quotes and multiple vendors. We are the sole source for our equipment and we provide customized sole source letters for your purchasing department.







*Making Data Collection Easier*

2019

This letter is to inform you that JAMAR Technologies, Inc. is the U.S. sole source provider of the Gen2 RADAR Recorder and the Black Cat II RADAR Recorder. We are also the sole source for the STARnext Software system.

No other company makes a system that works the same way or has the same features as the equipment referenced above. The hardware and software contain technology and algorithms that are not available in any other "similar" products.

The reporting features in the software are specifically designed for police departments to quickly and accurately analyze speed information. No other product can produce or analyze the data that is available from the JAMAR equipment.

The above referenced equipment is preferred, trusted and used by thousands of departments across the US.

Please contact us with any questions.

Thank you,

JAMAR Technologies, Inc.

800-776-0940

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[sales@jamartech.com](mailto:sales@jamartech.com)

Toll Free 800-776-0940

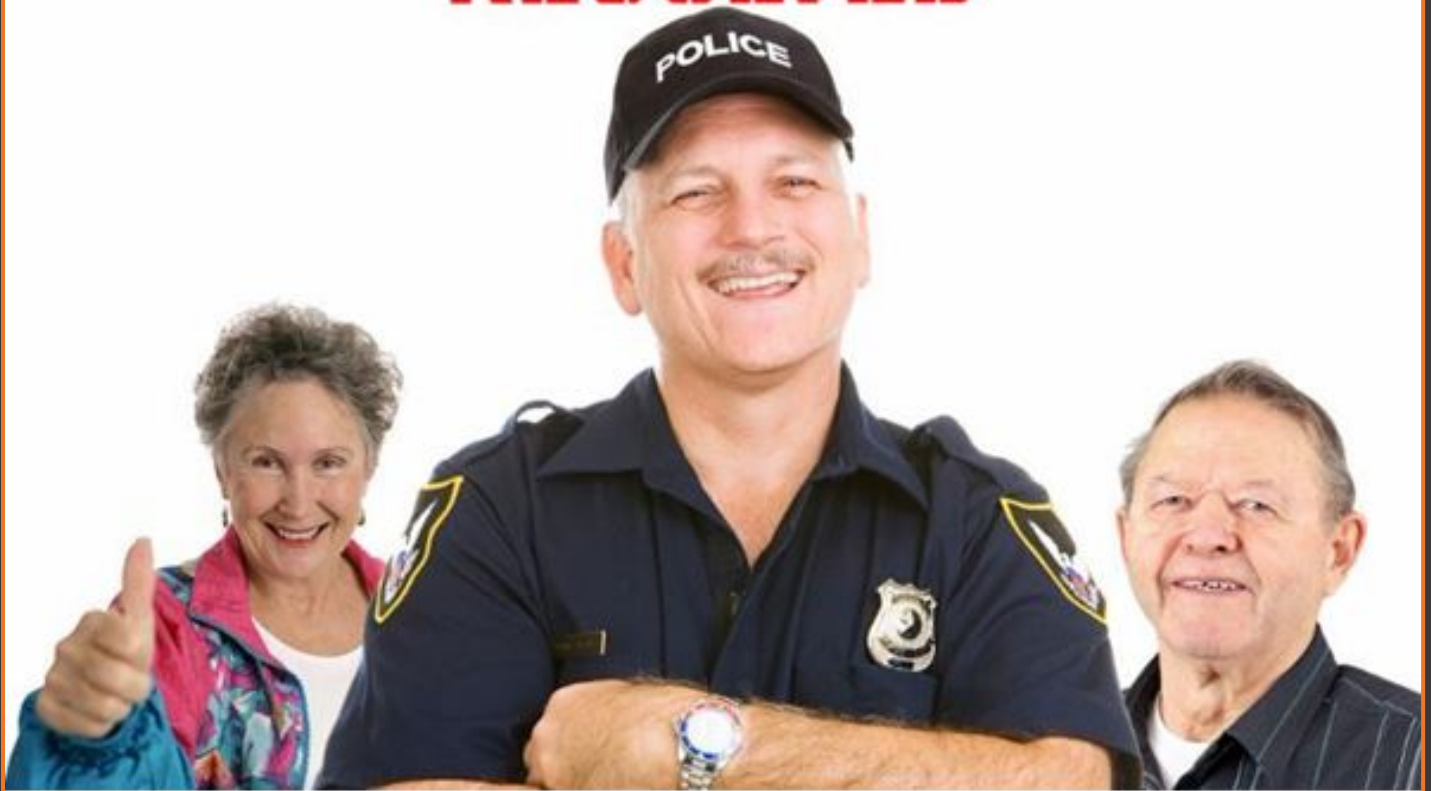
*You count with us!*

Fax 215-361-2267

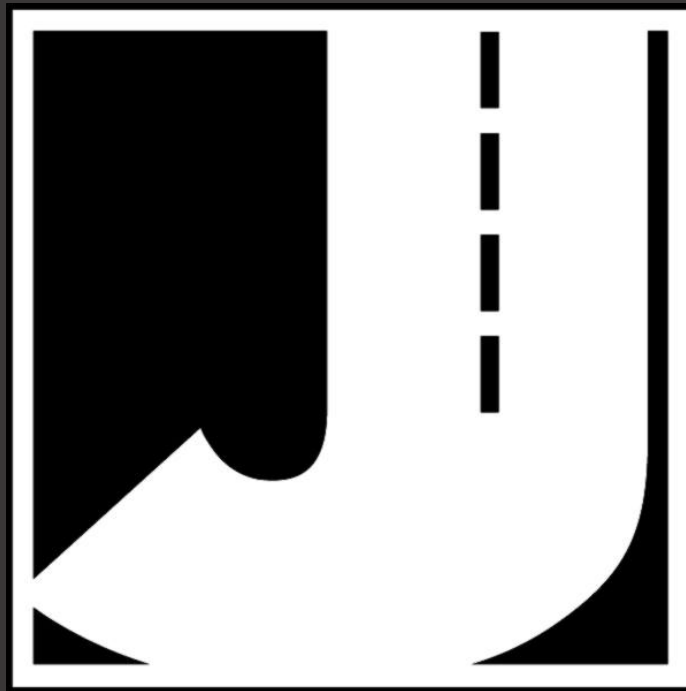
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# **SPEEDING COMPLAINT: RESOLVED**







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