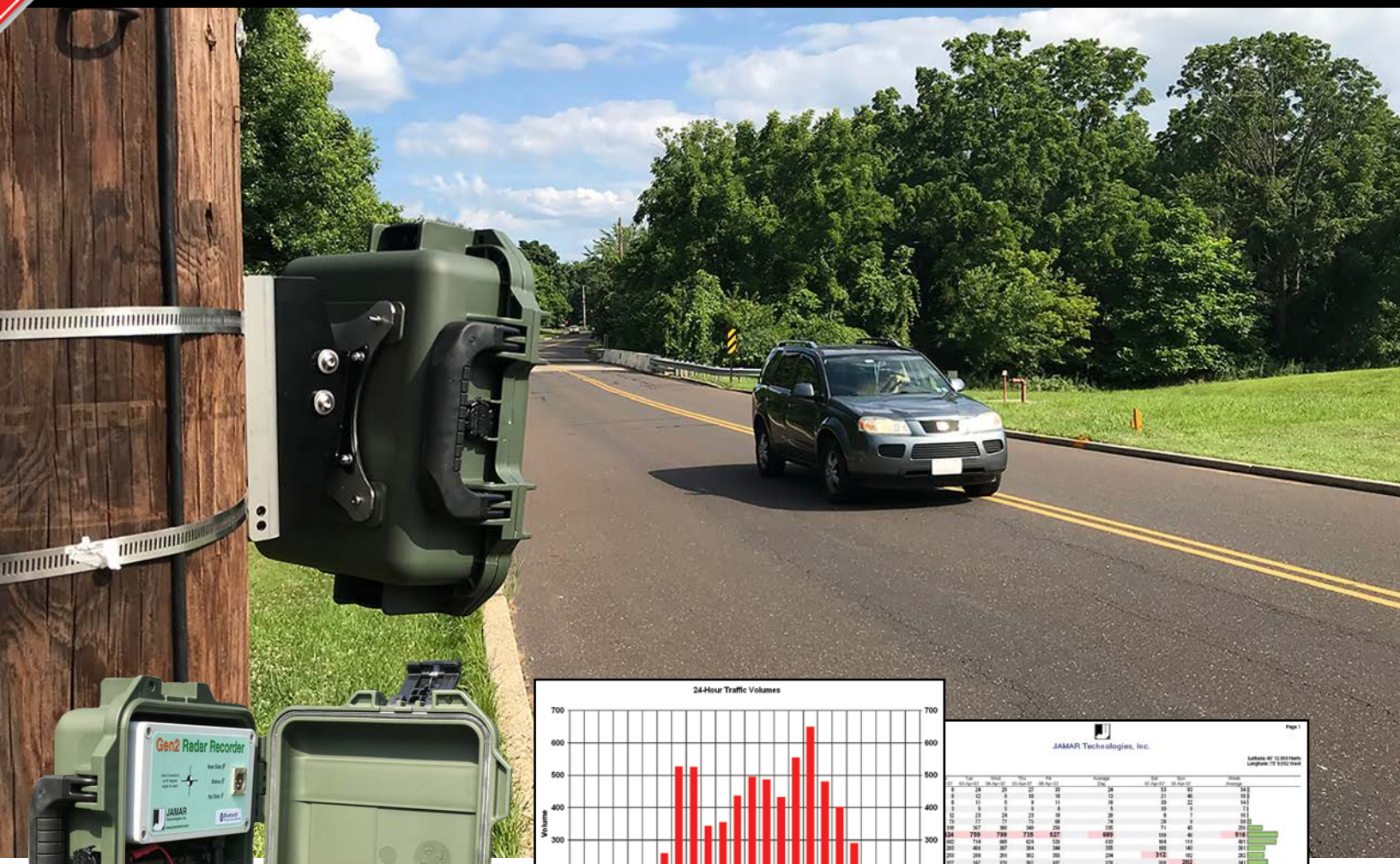
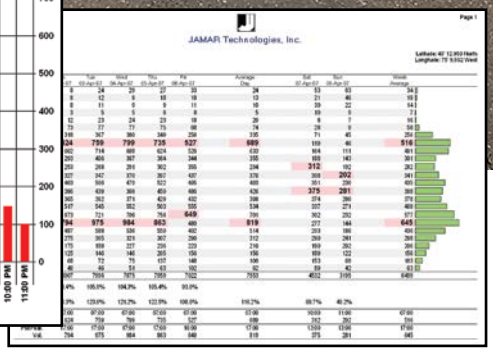
NEW

Gen2 Radar Recorder





Traffic Data Collection with No Tubes... No Loops... No Hassle.

- Portable Radar Traffic Data Recorder
- Easy Setup and Installation
- Data for Volume, Speed, Length & Gap
- No Recurring Supply Costs
- Keeps Personnel Off Road
- Records Bidirectional Data

JAMAR Technologies, Inc.

Making Data Collection Easier

Gen2 Radar Recorder – Simple to Install, Accurate Traffic Data

The JAMAR Gen2 Radar Recorder represents a leap forward in the use of radar for accurate traffic data collection. Simply mount it to any convenient location and aim it toward the road – the Gen2 Radar Recorder will accurately record volume, speed and more for up to two lanes of traffic data without your personnel ever having to go into the road.

• Quick and Easy Installation – No Tubes or Loops Required

There are no road tubes or loops required with this device - simply mount the unit at a convenient location, aim it at the road and you'll begin collecting highly accurate data in a matter of minutes. The unobtrusive nature of this device means you can covertly record data without drivers knowing and altering their driving habits. The lack of a need for loops, wires, or road tubes also means that you have... no recurring supply costs.

While tubes will continue to have their place in the traffic counting world, they do have a few drawbacks. With the Gen2 Radar Recorder, you will not have to bother with any kind of sensors in the road, such as loops, tubes or plate counters. This reduces the danger of being out in the road with moving traffic and will increase the safety of personnel.

• Covert Recording Provides Unbiased Data

One of the advantages of the Radar Recorder is that it is all but invisible to drivers. Since there are no road tubes in the road, and no other obvious signs that data is being collected, you get unbiased data without drivers changing their driving habits.

Gen2 Radar Recorder covertly collecting vehicle data with drivers unaware

• New Smaller Size and Case Design

The Gen2 Radar Recorder uses a more compact design than the Gen1 and is approximately 1/3 smaller than its predecessor. It also employs a new latching system that makes opening and closing the case easier. This new design also makes the Gen2 Radar lighter than the Gen1 and easier to install.

• Easy Data Interface & Retrieval

At any point while data is being collected, you can connect to a laptop (either directly or with optional Bluetooth wireless) and monitor the recording of vehicles using the JAMAR software. The software can also be used to retrieve and process your data once you have completed your data collection. This software allows you to create your own report formats and produce color graphs in 2 or 3 dimensions. Finished reports can also be saved in PDF or Excel format for easy electronic transfer.

• Data Accuracy: Radar Recorder vs. TRAX Road Tube Recorder

To compare the accuracy of the Radar Recorder against a road tube recorder, the Radar Recorder was set up to record data at the same location as a TRAX recorder - a two-lane, bidirectional road with average daily traffic of approximately 8,000 vehicle.

The clocks of both the Radar Recorder and TRAX were synchronized to the same time and date at the start of the study. The resulting data from the TRAX was processed and compared with the data from the Radar Recorder. Below are some details of this comparison for a 24-hour period. Go to www.jamartech.com for more in-depth analysis of the data comparison.

Volume Data

	Eastbound			Westbound			Combined		
	TRAX	Radar	Difference	TRAX	Radar	Difference	TRAX	Radar	Difference
24-Hour Total	3970	3993	+23 (0.5%)	4101	4168	+67 (1.6%)	8071	8161	+90 (1.1%)

Analysis: Over a 24 hour period, the Radar Recorder data compares extremely well with that of the TRAX, both over individual lanes and as a total. Overall volumes recorded by the Radar Recorder were within 1.1% of those from the TRAX.

85th Percentile Speeds

	Eastbound			Westbound			Combined		
	TRAX	Radar	Difference	TRAX	Radar	Difference	TRAX	Radar	Difference
24-Hour Total	47	46.9	0.1	48	47.6	0.4	47	47.3	0.3

Analysis: Over a 24 hour period, the 85th percentile speeds of the Radar Recorder and the TRAX were virtually identical. The data above shows that inner lane was within 0.1 mph while the outer lane was within 0.4. Combined, after recording more than 8000 vehicles, the TRAX data shows 47 mph while the Radar shows 47.3, which, from a statistical standpoint, is just about a perfect match.

• Unmatched Technical Support and Service

Top-notch technical support and service are another great feature you get when buying a JAMAR product like the Gen2 Radar Recorder. All technical support is free. You do not need a maintenance or service agreement in order to get technical support for either the Radar Recorder or its software.

Support can be found in a number of areas, and is as close as your nearest phone or computer. Our toll free 800 number can be used for direct support inquiries and we also provide the most extensive on-line support resources in the industry at www.jamartech.com. JAMAR User's Manuals also contain detailed instructions and tutorials on how to use your product.

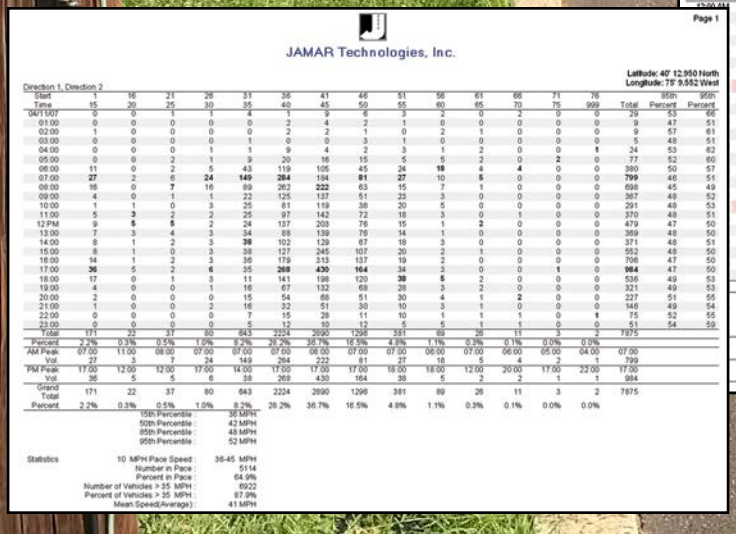
Specifications

Memory Size: 4 MB
Battery Life: 7 Days
Operating Temperature: -40°C to 70°C
Weight (Battery Installed): 12 lbs.
Approx. Accuracy: Near Lane > 98%
Approx. Accuracy: Far Lane > 96%
Sensor: Microwave 24.2 GHz, power output 5 Mw
Speed Range: 2-130 Mph
Radar Range: Up to 100 Feet
Output: Downloads to JAMAR Software

Comprehensive Reports & Graphs

When you are done viewing your data, the JAMAR software can be used to create comprehensive reports and graphs that show detailed breakdowns of traffic data.

You can make a variety of volume data reports, including such details as hourly totals with peak information, and a number of speed data reports, with various percentiles are other types of statistics. Finished reports can be directly printed or saved in an Adobe PDF format.



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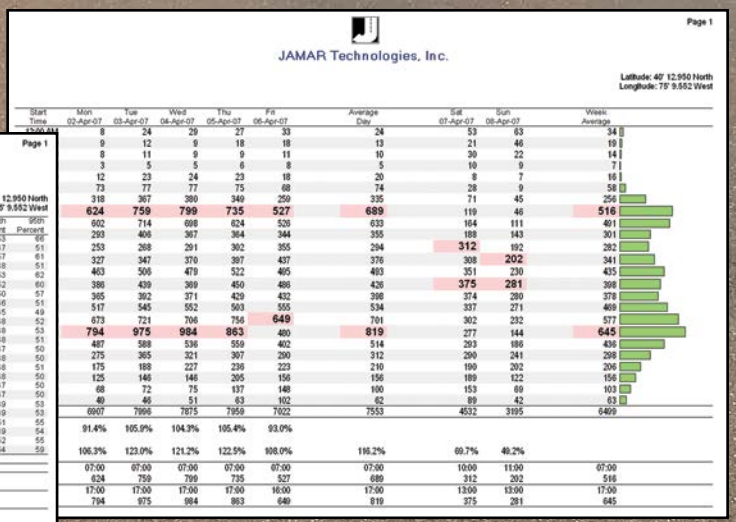
Latitude: 40° 12.950 North
Longitude: 75° 9.552 West

Direction 1, Direction 2

Start Time	1 15	16 20	21 25	26 30	31 35	36 40	41 45	46 50	51 55	56 60	61 65	66 70	71 75	76 999	Total	95th Percent	95th Percent
00/10/07	0	0	1	1	4	1	9	6	3	2	0	2	0	0	29	53	66
01:00	0	0	0	0	0	2	4	2	1	0	0	0	0	0	9	47	51
02:00	1	0	0	0	0	2	2	1	0	2	1	0	0	0	9	57	61
03:00	0	0	0	0	1	0	0	3	1	0	0	0	0	0	5	48	51
04:00	0	0	0	1	1	9	4	2	3	1	2	0	0	1	24	53	62
05:00	0	0	0	2	1	9	20	16	15	5	5	2	0	2	77	52	60
06:00	11	0	2	5	43	119	105	45	24	**18**	4	**4**	0	0	380	50	57
07:00	**27**	2	6	**24**	**149**	**284**	184	**81**	**27**	10	**5**	0	0	0	**799**	46	51
08:00	16	0	**7**	16	89	262	**222**	63	15	7	1	0	0	0	698	45	49
09:00	4	0	1	1	22	125	137	51	23	3	0	0	0	0	367	48	52
10:00	1	1	0	3	25	81	119	36	20	5	0	0	0	0	291	48	53
11:00	5	**3**	2	3	25	97	142	72	18	3	0	1	0	0	370	48	51
12 PM	9	**5**	**5**	2	24	137	203	76	15	1	**2**	0	0	0	479	47	50
13:00	7	3	4	3	34	88	139	76	14	1	0	0	0	0	369	48	50
14:00	8	1	2	3	**38**	102	129	67	18	3	0	0	0	0	371	48	51
15:00	8	1	0	3	38	127	245	107	20	2	1	0	0	0	552	48	50
16:00	14	1	2	3	36	179	313	137	19	2	0	0	0	0	706	47	50
17:00	**36**	5	2	**6**	35	**268**	**430**	**164**	34	3	0	0	**1**	0	**984**	47	50
18:00	17	0	1	3	11	141	198	120	**38**	**5**	2	0	0	0	536	49	53
19:00	4	0	0	1	16	67	132	68	28	3	2	0	0	0	321	49	53
20:00	2	0	0	0	15	54	68	51	30	4	1	**2**	0	0	227	51	55
21:00	1	0	0	2	16	32	51	30	10	3	1	0	0	0	146	49	54
22:00	0	0	0	0	7	15	28	11	10	1	1	1	0	1	75	52	55
23:00	0	0	0	0	5	12	10	12	5	5	1	1	0	0	51	54	59
Total	171	22	37	80	643	2224	2890	1296	381	89	26	11	3	2	7875		
Percent	2.2%	0.3%	0.5%	1.0%	8.2%	28.2%	36.7%	16.5%	4.8%	1.1%	0.3%	0.1%	0.0%	0.0%			
AM Peak	07:00	11:00	08:00	07:00	07:00	07:00	08:00	07:00	07:00	06:00	07:00	06:00	05:00	04:00	07:00		
Vol.	27	3	7	24	149	284	222	81	27	18	5	4	2	1	799		
PM Peak	17:00	12:00	12:00	17:00	14:00	17:00	17:00	17:00	18:00	18:00	12:00	20:00	17:00	22:00	17:00		
Vol.	36	5	5	6	38	268	430	164	38	5	2	2	1	1	984		
Grand Total	171	22	37	80	643	2224	2890	1296	381	89	26	11	3	2	7875		
Percent	2.2%	0.3%	0.5%	1.0%	8.2%	28.2%	36.7%	16.5%	4.8%	1.1%	0.3%	0.1%	0.0%	0.0%			

15th Percentile :	38 MPH
50th Percentile :	42 MPH
85th Percentile :	48 MPH
95th Percentile :	52 MPH

Statistics	
10 MPH Pace Speed :	36-45 MPH
Number in Pace :	5114
Percent in Pace :	64.9%
Number of Vehicles > 35 MPH :	6922
Percent of Vehicles > 35 MPH :	87.9%
Mean Speed(Average) :	41 MPH



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Latitude: 40° 12.950 North
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Start Time	Mon 02-Apr-07	Tue 03-Apr-07	Wed 04-Apr-07	Thu 05-Apr-07	Fri 06-Apr-07	Average Day	Sat 07-Apr-07	Sun 08-Apr-07	Week Average
12 AM	8	24	29	27	33	24	53	63	34
01:00	9	12	9	18	18	13	21	46	19
02:00	8	11	9	9	11	10	30	22	14
03:00	3	5	5	6	8	5	10	9	7
04:00	12	23	24	23	18	20	8	7	16
05:00	73	77	77	75	68	74	28	9	58
06:00	318	367	380	340	259	335	71	45	256
07:00	**624**	**759**	**799**	**735**	**527**	**689**	119	46	**516**
08:00	602	714	698	624	526	633	164	111	401
09:00	293	406	367	364	344	355	188	143	301
10:00	253	268	291	302	355	294	**312**	192	282
11:00	327	347	370	397	437	376	308	**202**	341
12 PM	463	506	479	522	405	475	351	230	435
13:00	386	439	369	450	486	426	**375**	**281**	398
14:00	365	392	371	429	432	398	374	280	378
15:00	517	545	552	563	555	534	337	271	469
16:00	673	721	706	756	**649**	701	302	232	577
17:00	**794**	**975**	**984**	**863**	480	**819**	277	144	**645**
18:00	487	588	536	559	402	514	293	186	436
19:00	275	365	321	307	290	312	290	241	298
20:00	175	188	227	236	223	210	190	202	206
21:00	125	146	146	205	156	156	189	122	156
22:00	68	72	75	137	148	100	153	69	103
23:00	40	46	51	63	102	62	89	42	63
	6907	7996	7875	7959	7022	7553	4532	3195	6409
	91.4%	105.9%	104.3%	105.4%	93.0%				
	106.3%	123.0%	121.2%	122.5%	108.0%	116.2%	69.7%	49.2%	
	07:00	07:00	07:00	07:00	07:00	07:00	10:00	11:00	07:00
	624	759	799	735	527	689	312	202	516
	17:00	17:00	17:00	17:00	16:00	17:00	13:00	13:00	17:00
	794	975	984	863	649	819	375	281	645

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