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## The Differences between Laser and Older Radar Detectors

By Bill Carmel

The newest trend with radar detectors is devices that generate laser lights using a semiconductor.

This new technology far surpasses the older radar detectors that uses radio signals to detect police.

Detectors that use lasers, also known as "ladar," are the cutting edge and users experience fantastic success with the newer models. Since police now use guns that are a combination of laser and radar, these radar detectors work by picking up the laser portion and transmitting a sound to warn the driver of their speed. Some police and state patrols are now using narrow laser beams, which are much more difficult to detect. The older radar detectors are completely at a loss when it comes to these narrow laser beams, but the new laser radar detectors can detect these beams, although the advanced notification is severely limited.

For the most part, laser detectors offer a faster lock-on time, which averages around one-third of a second. The laser beams are confined to a limited spread, usually around six feet for about 2,000 feet of space. This allows the beams to be recognized more quickly, giving the driver more advanced notice.

However, laser detectors come with some drawbacks. For example, particles, including dust and water, can limit the range and confuse the system, so your laser radar detector may not work at top capacity when it is raining or snowing outside. Furthermore, some surfaces are unable to correctly read laser radar, so the environment can potentially make all the difference.

Traditional radar detectors use radio waves to detect when a radar gun is in use. Many police and state troopers still use regular radio wave radar guns to patrol, so these detectors are able to pick up these guns. However, radar detectors are unable to pick up laser radar guns, so drivers will be at a disadvantage when it comes to detecting the latest technology. These traditional radar detectors can be easily confused by other non-radar gun devices, so this may play a factor into your purchase.

In the end, choosing a good quality detector is the key. A traditional radar detector of good quality is a better choice over a poor quality or cheaply made laser radar detector. Before you decide to buy any type of radar detector, do the appropriate research on a brand name and a type that will meet your

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needs. A simple internet search will provide you with a wealth of information regarding all different types and brands of traditional radar detectors and laser radar detectors. Once you have made your selection, visit your local electronics store or favorite internet retailer to purchase a device that will be backed up with an appropriate warranty that will protect your purchase in case of accident.

Doug Mahopac is a reseller and a user of radar detectors, he specializes in testing all sorts of detectors. For more information, please visit

<http://www.i-radar-detectors.com>

### **Cat And Mouse with Anti Laser Detectors**

**By Michael Oliver**

Anti-Laser Detectors are what drivers use to warn of oncoming police hunting for speeders.

Original laser detectors had short ranges less than .25 miles. The laser detector becomes less accurate as the distance increases since the light path widens from a pencil width beam to over 3 feet in diameter.

Light pulses from police laser detectors aren't detectible with standard radar detecting equipment, so driver detection of police lasers was developed fast. The original laser detector's limitations were almost like starting over in the 1950's with similar radar detector limitations.

Laser detector guns, just like original radar detectors, may not be used in moving vehicles. That may be an archaic limitation, but laser detectors have increased detection response by operating in the 90 GHz range, much higher than Super-Wide Ka-Band radar detectors.

Two industries spawned:

Police radar and laser detection guns verified speeding drivers.

Driver "anti" radar and laser detection devices warned of nearby police detection use.

Industry needed to advance.

As police obtained more sophisticated speed detection devices, so too did the anti-detection market develop.

Can a Radar and Laser detector be detected when in use?

Hardware detection technology wasn't just on the side of the speeder. Radar and Laser "detector detection" devices were now being developed for use by police officers to warn the police that a driver was being warned about them. These devices identified a driver with a radar or laser detector in use.

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Obviously, this would have no use without laws that made the outcome beneficial to the police officer. So enacted laws gave police added power to stop speeders mostly who believed they were now "police-proof."

Police proof drivers are dangerous because he believes he is invincible and invisible. These people take so much for granted that they cause accidents from their inattentiveness alone.

Can a Radar or Laser gun be jammed?

As police detection devices increased in frequency and distance, it was clear that technology and laws

had to adapt to stop the cat and mouse chase. Signal jammers were developed to send out radio signals that mimicked enough interference and returned false readings.

The laws change, but California, Minnesota, Nebraska, Oklahoma, Virginia, Utah and Washington D.C. all have laws that restrict the use of radar and laser detector jamming devices.

Is It Illegal To Sell These Devices In The United States?

Virginia and Washington D.C. have the most strict laws concerning these sales. However, it's not illegal to sell these devices in all 50 states, because the jammer can be turned off.

Companies that sell this equipment state that the police cannot detect specific anti-detection equipment, so it's the driver's responsibility to follow state laws. There's no great wisdom required to understand how the product is being developed, sold and used to skirt the laws.

How fast does a driver using radar or laser detectors want to drive?

It's not always about speed. Some drivers just don't like laws set against their personal freedoms whether they require seat belts:

<http://www.car-accident-advice.com/safety-seat-belts-2.html>

or they

are told they can't use laser or radar detectors:

<http://www.car-accident-advice.com/radar-detectors.html>

For some people, speed makes the thrill of driving, but there is one inescapable statistic...

**SPEED KILLS:**

<http://www.car-accident-advice.com/car-accident-statistics.html>

## The Differences between Laser and Older Radar Detectors

Mike Oliver is a programmer/analyst who survived injuries from a serious multiple car accident. After speaking with attorneys who looked to create a case and then take up to 50% of any settlement, Mike knew there must be another way to get the legal help he needed, conquer the insurance nightmares, and keep 100% of his settlement without fear of a do-it-yourself-kit. He found it and saved thousands of \$\$\$\$. You can, too. Get free information Mike paid to learn at

[www.car-accident-advice.com](http://www.car-accident-advice.com)

Cat And Mouse with Anti Laser Detectors

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Are Radar Detectors Legal in the US and in which States are they Prohibited?

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How Radar Detectors Work

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