

GENESIS II SELECT



High Performance is Standard

The new Genesis II Select is a state-of-the-art digital police radar system utilizing 32-bit DSP processing. This powerful computer enables the radar to process the signal in greater depth which translates into faster response and greater accuracy.

Features are Selectable

You have the ability to select the features and antenna choices that meet your needs and budget. You only pay for the features you need. Genesis II Select is one of the most versatile and affordable radar systems available today.



State-of-the-Art Technology in a Versatile and Affordable Package

GENESIS II SELECT

Loaded with Features

The Genesis II Select comes complete with everything you would expect in a high-end moving police radar, plus some additional features you won't find anywhere else.

- Moving & Stationary Operational Modes
- Separate Target, Lock, & Patrol Windows
- Small Detachable Display
- Comfortable Hand Remote
- O-Ring Sealed Waterproof Antennas
- Graphic Mode Display Window
- Sunlight Readable LEDs
- Photocell LED Dimming
- Range Setting Bar Graph
- 32-Bit Digital Signal Processing
- Software Upgradeable Design
- Pure Doppler Audio (Not Synthesized)

Four Software Options Available

- FASTER Tracking Software
- Same Lane Operational Mode
- Stopwatch Operational Mode
- In-Car Video Camera Interface

Two Antenna Choices Available



You select one or two antennas (for front and rear). You can even mix antennas on the same radar.



The antenna cables include quality waterproof connectors.



The Leading Edge in P

Compact Detachable Display

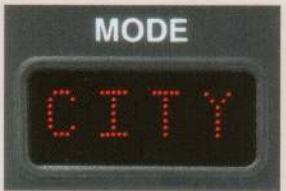
The small detachable display unit can be mounted almost anywhere. The LED display is visible even in direct sunlight, and the display can be automatically dimmed at night thanks to a built-in ambient light sensor.



Intuitive Graphic Displays

The mode window displays error messages, settings and other alpha numeric information in a user-friendly and intuitive manner. Other radars rely on seven segment number displays, which often result in cryptic messages that are very difficult to understand.

The graphic mode window helps make this one of the easiest police radars to use and understand.



The radar sensitivity for each operational mode can be set independently. The range bar shows each setting at a glance.



Waterproof Antennas

The state-of-the-art K- and Ka-band antennas use horns that are precision machined from a solid block of aluminum. An O-ring seal keeps everything dry. This ensures the radar will perform well when mounted outside the vehicle.



Performance and Value



A High Quality Remote Control

The extruded metal remote control fits comfortably in your hand and the operational keys are placed in easy reach of your thumb. The keys are continuously backlit — making nighttime operation a snap.

Same Lane Tracking

The Same Lane Mode software option offers the operator the ability to track vehicles that are moving in the same direction as the patrol car.



Fast Done Right

The Genesis II Select offers an option for FASTER tracking. When a Decatur Electronics radar is placed into the Fast mode, it will display and track the speed of the vehicle that is the second strongest target — as long as that target is going faster than the primary target. The full Doppler audio is also generated for the Fast target and the operator can lock a Fast target just as easily as the primary target speed can be locked. This is the only method of clocking fast targets that meets all of the evidentiary rules demanded by the courts.

The Value Leader

Compare the performance, features, quality and price of the Genesis II Select to any other radar. You, too, will discover that Decatur Electronics provides your department with the best overall solution for your money.

Twin Interference Filters Eliminate False Readings

A New Solution for an Old Problem

The engineers at Decatur Electronics have developed a new method of ensuring that the Genesis II Select provides outstanding range without the common side effect of false readings that can plague other long range radars.

RFI Hardened

The new Genesis II Select utilizes a unique combination of twin interference filters — one in the antenna and the other in the counting unit. It also includes an RFI detection system in the computer. This redundant method has improved the unit's ability to reject outside interference and operate imperviously in high interference environments. Our engineers like to call the new system "RFI Hardened."

Even Better Than Before

The Genesis II Select rejects spurious signals even better than the original Genesis II radar. The Genesis II Select has great range without false readings from outside interference.

Years of Proven Unmatched Service

Unlimited Installation Options



The display unit detaches from the counting unit without tools. The compact size of the display unit makes it easy to mount in a variety of locations. The speaker has been designed into the hand remote, so the counting unit can be mounted under the seat and out of the way.

There are a variety of antenna mounting brackets available to meet your installation needs.



We Are The Radar Experts

Decatur Electronics has been in business for nearly 50 years and has been producing police radar longer than any other company. As the recognized leader in customer service, we are committed to providing a superior level of support unmatched in the industry.

48-Hour In-Factory Turnaround

Decatur Electronics radar products are backed by a 48-hour in-factory repair turnaround guarantee. This fast turnaround reduces downtime. No other radar manufacturer can match this service.

Lemon-Free Guarantee

Many years ago, Decatur Electronics instituted the industry's first lemon law policy regarding defective components and material workmanship. In the unlikely event that your radar unit requires service more than three times during its warranty period, Decatur Electronics will replace it with a new unit — hassle-free.

You Can Count On Us!

SPECIFICATIONS

Performance Specification

Stationary Accuracy	+/- 1 MPH
Moving Accuracy	+/- 2 MPH
Target Speed Range	10 - 210 MPH
Patrol Speed Range	5 - 100 MPH
Speed Sampling Rate	100 Samples / Sec.

Microwave Specifications

Operating Frequency	K-Band, 24.150 GHz Ka-Band, 35.50 GHz
Beam Width	12 Degrees Nominal
Power Output	10 mW Nominal

Electrical Specifications

Input Voltage	10.8 - 16.5 VDC
Operating Temperature	-30° C - +70° C
DSP Computer	32-Bit Processing

Mechanical Specifications

Display Unit	1.45"H x 5.25"W x 1.1"D
Computer Unit	1.45"H x 5.25"W x 3"D
Combined Weight	1.3 Pounds

K-Band Antenna	0.8 Pounds
Ka-Band Antenna	0.5 Pounds

Warranty

Parts and Labor	2 Years
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Certified ISO 9001