



Genesis I™

The Radar That Started a Revolution

The Decatur *Genesis I* radar is the ideal solution for departments that value simplicity and performance over cost and complexity. It is a small and modern radar that includes all of the features you need and the features your officers are trained to use.



- Moving and Stationary Operational Modes
- Three-window Sunlight-readable LED Display
- Separate Target and Lock Windows
- Track-through Lock
- Single or Dual K-band Antennas
- Range Display
- Reliable Membrane Controls
- Simple Three-button Remote Control
- Ambient Light Sensor Automatically Dims The LED Display At Night
- RFI & Low-Voltage Indicators
- Adjustable Range and Volume
- Selectable Squelch Control
- Advanced Self-Checking Routine
- Pure Audio Doppler (Not Synthesized)
- Standard Communications Port

www.decaturradar.com

Serving law enforcement for over 50 years
radar trailers video

GENESIS I TECHNICAL SPECIFICATIONS

Radar

Stationary Accuracy

+/- 1 mph

Moving Accuracy

+/- 2 mph

Target Speed Range (Stationary)

10 - 210 mph (16-337 km/h)

Patrol Speed Range (Moving)

15 - 90 mph (24-144 km/h)

Closure of 210 mph (337 km/h)

Operating Frequency

K-Band, 24.150 GHz

Beam Width

12° nominal

Power Output

7 mW nominal

Antenna Weight

K-Band, 0.8 lbs. (0.3 kg) each

Computer/Display Unit

Input Voltage

10.8 - 16.5V DC

Operating Temperature

-30°C - +70°C

Dimensions

1.75" (4.5 cm) H x 6.5" (16.5 cm) W x 3.75" (9.5 cm) D

Computer Weight

0.37 lbs. (0.17 kg)



Features

The Smart Choice

The Genesis I combines high performance with extremely simple operation. It is the smart choice to meet budgetary constraints while pleasing the officers that operate it.

Three Button Operational Simplicity

The Genesis I is simple - simple to understand, simple to train on, and simple to operate. The three button remote control handles all of the common operations. Most importantly, this simplicity doesn't come at the expense of losing any important features.

Excellent Range and Performance

The Genesis I provides range and performance that is superior to competing radars. This makes it easy to read and lock the speed of virtually any vehicle the operator can see— even distant targets.

Sunlight Readable LED Display

There are separate LED display windows for TARGET, LOCK, and PATROL speeds. The LEDs are bright enough to be readable even in direct sunlight. There is also a built-in ambient light sensor, so the system is smart enough to automatically dim the LED brightness during nighttime operation.



Attractive Membrane Controls

The Genesis I features a membrane control panel to access the radar's features and to adjust settings. This design is attractive and user friendly, and is more reliable than mechanical switches. For positive feedback, the unit produces a "beep" anytime a membrane key or remote control button is pressed.

Compact Design

The compact computer / display unit is only 1.75 inches tall, 6.25 inches wide and just 3.75 inches deep. The small size makes it easy to mount the radar in convenient locations, safely out of the way of the airbags or other equipment.

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