



ONSITE 300™



The economical **OnSite 300** is a specially engineered trailer-mounted tool for speed enforcement and monitoring.

Using Decatur's patent-pending **SI-3™** radar, the trailer displays speeds from 5 miles per hour to 150 miles per hour. It's 18-inch LED display is easily viewed from nearly 1,000 feet away. And its durable steel construction handles any weather situation.

Despite its presence, the design of the unit allows drivers to see pedestrians and other drivers easily. A smoked, non-glare Lexan® shielding protects the LED flashing sign.

The OnSite 300™ is the perfect solution for:

- School Zones
- Cross Walks
- Parking Lots
- Public Events
- Neighborhood Watch Organizations
- Work Zones

Integrity: The Decatur Difference.

We manufactured the first law enforcement radar more than 50 years ago.

Today, with more than 100,000 radar, trailers and public safety products in use worldwide, thousands of police and communities count on Decatur to deliver. And we do.

That's The Decatur Difference.

www.decaturradar.com

Serving law enforcement for over 50 years
radar trailers video

ONSITE 300 TECHNICAL SPECIFICATIONS

TRAILER

Frame

Constructed of 4" channel formed from 10-gauge hot rolled steel. The "C" channel open design reduces the chances for corrosion and rusting.

Finish

Solvent and graffiti resistant white powder coat paint.

Storage Box

36" (W) x 30" (D) x 14" (T) removable, weather tight storage box. The box has one paddle type latch that is locked by a key. Two gas-lift struts support the lid. Box houses the control panel, power switch, and offers storage for the "Your Speed" or "School" signs and the 0-9 speed limit digits.

Removable Tongue

Equipped with a 2" ball coupler, safety chains and a connected wiring cable. The tongue can be removed and turned over to prevent trailer theft.

Leveling Jacks

Four zinc plated 10" adjustable swivel "bull dog" style jacks.

Tongue Weight

35 lbs.

Axle and Suspension

Torsion bar suspension.

Tires and Wheels

12" rim white paint with 4.80-12, 2 ply tires and wheel lock.

Fenders

Enclosed fenders constructed of 14-gauge steel to protect the storage box and display unit while in transit.

Lights

Meets all D.O.T. requirements including turn signals, rear brake lights and taillights. Taillights are encased into the fender of the trailer providing extra protection. The trailer also has a license plate holder and light with four amber reflectors. Wiring is provided via a standard 4-prong flat plug connector.

Dimensions

105" L (including tongue) x 56" W x 82" H
105" L (including tongue) x 56" W x 37" H (with sign lowered)

Weight

580 lbs. GVW

Options

Please contact your Decatur Electronics sales representative for complete OnSite 300 options.

GSA contract GS-07F-0231L

**Call Us Toll-Free
800.428.4315**

www.decaturreadar.com

DISPLAY

Type and Size

Two-digit, 18" wide-angle amber LED display (2.5-digit optional for km/h). Display folds down for travel.

Violator Alert

Speed will flash if exceeds preset limit.

High Speed Cutoff

Speed display will blank if speed exceeds preset limit.

Speed Display Window

3/8" high impact tinted shatterproof Lexan®

Power Supply and Charging System

The battery bank has a capacity of 225 amp-hours at 12 VDC. Two 6 VDC deep cycle batteries wired in series to obtain 12 V. On-board 12 VDC 20 amp battery charger is ready to plug into 110 VAC commercial power source to re-charge the batteries. Average battery charge will last 7 days depending on use.

Control Panel

The display's control panel is located inside the storage box. The control panel includes switches for Power On/Off, Violator Speed Select, Over Speed Cut Off Select, Internal Test Mode, and Light Test Mode.

RADAR UNIT (SI-3)

Type

One piece stationary approach-only antenna, which only tracks vehicles moving toward the OnSite 300. Displays the strongest of the faster moving vehicles.

Frequency

24.150 GHz nominal (K-Band)

Beam Width

12° nominal

Detection Range

1500 ft.

Display Accuracy

+/- 1 unit of measure (+/- 1 mph, +/- 1 km/h)

Speed Sign

24" (H) x 18" (W) sign with exchangeable 7" H x 5" W numbers. The speed sign and characters are constructed of aluminum.

Interface Capability

The SI-3 in the OnSite 300 is compatible with the Decatur Electronics *EZ Stat* traffic statistics program. Ask your sales representative for more information.



Certified ISO 9001

Decatur Electronics, Inc.

715 Bright Street

Decatur, Illinois 62522

Phone: 217.428.4315

Fax: 217.428.5302

info@decaturelectronics.com