



ONSITE 400™

More standard features than any other speed and message trailer



- Directional radar set to monitor approaching vehicles only
- See-through design eliminates pedestrian and vehicle blind spots at intersections and on roadways
- Violation alert with flashing speed warns drivers they have exceeded speed limit
- Two deep cycle batteries provide multiple days of continuous operation
- Charger with automatic shut off to prevent over charging; float & boost features
- Motorized lift raises and lowers speed display for easy setup, take down and towing

The *OnSite 400* the perfect solution:

- Prevent Accidents
- Protect Children
- Protect Roadworkers
- Control Traffic
- Aid Neighborhood Watch Organizations
- Messages Instruct Drivers

www.decaturradar.com

Serving law enforcement for over 50 years
radar trailers video

ONSITE 400 TECHNICAL SPECIFICATIONS

TRAILER

Construction

4" Channel formed from 10-gauge hot rolled steel, featuring a C-channel "open" frame design.

Finish

White powder coat paint that is chemical, solvent, and graffiti resistant.

Storage Box (2)

Large, lockable, weather tight steel storage compartment for batteries, re-charger, etc. 48" (W) x 17.5" (H) x 24" (D).

Display/Speed Sign Rack

Motorized actuator for easy raising and lowering of display, locks into position for towing.

Removable 2" Ball and Receiver

Equipped with a 2" ball coupler, safety chains and removable wiring cable.

Four "Bull-Dog" Type Jack Stands

For leveling, stabilizing, raising and lower each corner.

Tires & Wheels

14" 185/75R14 automotive radial tires mounted on chrome rims.

Independent Torsion Springs

One 1,500-lb. torsion axle for a smooth, level ride for easy towing.

Axle Lock

Wire cable and padlock.

GVW

1,280 lbs.

Lights

All D.O.T. approved lighting. Taillights enclosed in fenders for extra protection. Rear brake lights, turn signals, license plate light, four prong plug connector.

Options Available

- Solar panels
- Anti-theft alarm with remote
- Spare tire and wheel
- Extra batteries
- EZ Stat™ traffic software
- 24-hour timer
- Red LED violation flasher
- LED arrow stick and warning light
- 1-line LED message sign
- Message sign programming kit (customize your messages)
- White strobe (simulates photo radar)

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DISPLAY

Type & Size

Two-digit 18" high intensity wide angle LED displays (3 digit available for kilometer) with automatic brightness control.

Violator Alert

Speed will flash if exceeds preset limit.

High Speed Cutoff

Speed display will blank if speed exceeds preset limit.

Speed Display Window

Lexan® shatter-proof covering.

Power Supply

The battery bank has a capacity of 225 amp-hours at 12 VDC (Upgradeable to 450 amp-hours). Two 6 VDC deep cycle batteries wired in series to obtain 12 V. On-board 12 VDC 25/30 amp battery charger is ready to plug into 110 VAC commercial power source to re-charge the batteries.

RADAR UNIT

Type

One-piece stationary directional true Doppler radar set to monitor approaching vehicles only.

Measurement

Available in mph or km/h.

Operating Frequency

24.150 GHz nominal (K-Band)

Display Accuracy

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

Beam Width

12° nominal

Microwave Source

Gunn-effect diode; all solid state components.

Target Speed Range

5-150 mph (8-241 km/h)

Mounting

Fully enclosed within the speed display, but easily removed from the back panel.



Certified ISO 9001

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