STALKER DSR

Highly accurate and effective, Direction Sensing Radar

- DIRECTION-SENSING TECHNOLOGY
- SAME-LANE TRACKING OPERATION - SIMPLE, ACCURATE AND AUTOMATIC

CLOSING TARGET
67 M.P.H.

GOING AWAY TARGET
IGNORED

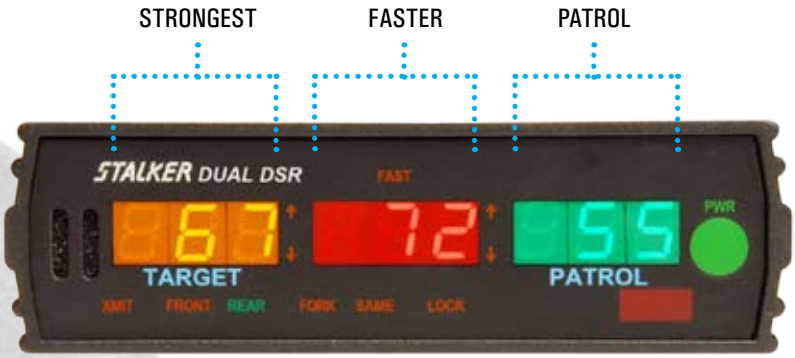
- STATIONARY DIRECTION CONTROL
- STRONGEST AND FASTER TARGETS DISPLAYED
- STRONGEST AND FASTER TARGEST CAN BE LOCKED
- TRUE WATERPROOF ANTENNAS

1-800-STALKER

STALKER® Radar | Lidar

The World Leader in Speed Measurement

StalkerRadar.com



By displaying both strongest and faster targets simultaneously, the Stalker DSR can monitor faster vehicles passing larger vehicles and display the speed of both targets simultaneously.

Strongest and Faster Targets Simultaneously Displayed (and/or locked) in Separate Display Windows

Same Lane Problems Eliminated

Many conventional radars force the operator to visually estimate and manually input faster or slower targets each time in order to calculate readings. The DSR automates the procedure, making same lane operation as accurate and simple to use as opposite mode operation.

Available:

The operator can DISPLAY or LOCK:

1) Strong targets
2) Fast targets

While in:

1) Same lane mode
2) Opposite lane mode
3) Stationary mode

True Doppler Audio

The audio Doppler tone in opposite-lane operation is generated from the target's actual speed (not closure speed) so the tone always correlates directly to the target's speed – regardless of patrol speed.

Vehicle Speed Sensing (VSS) Operation Is Standard

Connecting the radar to power and VSS has never been simpler. Plug the Stalker CAN/VSS cable into the car's OBD II diagnostic port located under the dash on the driver's side, and you're done. No cables to splice, wire harnesses to find, just simple plug-n-play.

Provides Voice Verification of the Antenna, Radar Mode, and Direction

Whenever a target is locked, the Stalker DSR audibly tells the operator WHICH antenna is in use (front or rear), what MODE the radar is operating in (moving or stationary), and the DIRECTION (opposite or same direction) the vehicle is traveling. This added step assists the operator in ensuring accuracy every time.

Track-Thru Lock, With 3 Window Multi-Colored LEDs

The Stalker DSR allows tracking both patrol speed and target speeds after lock using three colors (amber, red, and green) to differentiate between the strongest, faster and patrol speeds.

Small Counting Unit with Detachable Display

The display / counting unit is compact enough to be mounted almost anywhere. It measures a mere 5.5" wide x 4.25" deep and only 1.75" tall. Moreover, the display / counting unit can easily be separated and be mounted independently and connected with an optional cable. The display alone is only 1.125" deep.

Serial Port

The serial RS-232 port can interface with most video cameras, computers, remote readouts, printers, etc. The Stalker DSR interfaces with the 54Ward and Rockwell-Collins integrated car systems.

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Dramatically Simplifies Moving "Same-Lane" Operation While Automatically Ensuring Accuracy

With direction sensing antennas, the Stalker DSR is able to automatically determine if same-direction vehicles are closing or going away from the radar. This allows the DSR to automatically measure same-direction traffic speeds as simply and accurately as it does with opposite-direction traffic. No longer does the operator need to tell the radar if same-direction traffic is faster or slower than the patrol vehicle. The Stalker DSR makes same-direction operation simple, accurate, automatic and allows the operator to lock same direction targets.

A Giant Leap in the Effectiveness of Stationary Operation

The direction sensing ability of the Stalker DSR allows the operator to select a specific direction of traffic to monitor. The DSR can measure closing targets while automatically ignoring vehicles that are going away–even if the target moving away is closer than a distant closing target.

Imagine the typical situation where you wish to measure closing vehicles at a lengthy distance on a two-lane road. Just when a distant car enters the picture, a truck passes by your location heading away from you (and towards the approaching car). A conventional radar would display the truck's speed until it is out of the area–and you could not measure the closing car's speed. The DSR is able to completely ignore the truck because it is traveling away from the radar, thereby being able to clock the closing vehicle–even though it is still distant.

The Stalker DSR makes stationary operation very useful and highly effective in all locations.

The Most Sophisticated Ka-Band Antennas

Faster target acquisition and more dynamic range.

WATERPROOF Ka-Band Antenna

The Stalker DSR is available with O-ring sealed, Ka-Band antennas. These compact, completely waterproof antennas include locking connectors and can be exterior mounted with no reliability concerns.

Patented, RFI Immune Digital Antennas

The Stalker DSR achieves the industry's longest range by digitizing the Doppler audio signal at the antenna and using a high-speed digital communication link to transmit data between the antenna and the counting unit.

Traditional two-piece radar units send a low-level Doppler audio signal from the antenna to the counting unit for processing and speed display. This method is susceptible to noise induced by the auto ignition and 2-way radio transmissions, which results in reduced range and increased potential for false targets.

By using a digital signal, we've eliminated these false signals and improved the reliability of our products.

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Faster Target Locking Is Available Through Remote

The entirely redesigned IR cordless remote moves all controls into the palm of the operator's hand. Now, in addition to Stronger target locking, Faster target locking has been added.

Other new remote control features include "snap" feedback keys, a smaller contoured body, as well as bright amber back-lighted keys for night use and omni-directional infrared operation that eliminates the need to carefully point the remote.

Optional Waterproof Motorcycle Components

The Stalker DSR shares the optional waterproof components with the Stalker 2X. They are durable, accurate products for continuous duty in the worst conditions.

A full selection of brackets, mounts and cables are available. Contact us for a Stalker Motorcycle Components brochure or go to StalkerRadar.com for more information.

Stopwatch Mode
[STOPWATCH MODE] Allows the operator to time vehicles over known distances to measure speed. The stopwatch mode emits no radar signal and will not alert any radar detectors.

Antenna Select
[ANT] Selects front or rear antenna.

Same / Opposite
[SAME/OPP] Switches between same lane and conventional opposite moving modes.

Range Adjustment
[SEn 100] Selects one of four sensitivity settings, to work from approximately 1/10th mile to over 1½ miles!

Enhanced Self-Test
[SELF TEST] Performs a full diagnostic check on the display / counting unit and the selected antenna. Following a light segment test, the DSR tests the internal processor and memory, followed by a check and display of three clock frequencies, and ending with a display of input battery voltage and internal operating temperature. A comprehensive test is also performed on the selected antenna to ensure the integrity of the antenna cable and electronics.

Keypad Backlight
[LIGHT] Activates the keypad LEDs for about 6 seconds.
Display Brightness - Additional depressions cycle the display intensity through six levels of brightness.

2 Lock / Release Modes
[STRONG LOCK/REL] Transfers target window contents into lock window. Also clears lock window. This key also starts and stops the stopwatch mode.
[FAST LOCK/REL] Now, the operator has a choice with the addition of faster target locking.

Radar Mode
[MOV STA] Toggles between four operational modes: moving, stationary closing, stationary away, or stationary bi-directional.

Xmit / Hold
[XMIT/HLD] Toggles the radar transmitter on or off.

Squelch
[SQL] In the normal position, audio will only be heard when a target is present.

Lowest Patrol Speed Cutoff
[PS 5/20] Selects either a 5 or 20 mph lowest patrol speed operation.

Patrol Speed Blanking
[PS BLANK] An incorrect patrol speed can be blanked and reacquired; or after a target lock, the patrol speed can be blanked and restored.

Audio Volume
[SPEAKER ICON] Individually adjusts the loudness of the Doppler audio, the voice, and alert tones.

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MANAGEMENT SYSTEMS CERTIFIED TO ISO 9001:2008 STALKER Radar | Lidar

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