



STALKER DUAL

The industry standard for moving Police radar with the best range and performance available



The longest range in moving police radar now includes automatic same lane operation.

- FASTEST SPEED TRACKING IN ALL MODES
- 1 OR 2 ANTENNAS
- TRACK-THRU-LOCK
- CORDLESS INFRARED REMOTE
- TRUE AUDIO DOPPLER IN MOVING MODE
- DIGITAL ANTENNA COMMUNICATIONS
- NARROW BEAM KA-BAND ANTENNA
- SOFTWARE UPGRADEABLE

The Stalker DUAL sets the standard in the industry for range and performance.

The best performance means accurate monitoring at greater distances, which results in superior tracking history and better target identification.



STALKER[®] Radar | Lidar

The World Leader in Speed Measurement

1-800-STALKER

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3 Window Fastest Speed Tracking

Stalker's patented Faster Speed Tracking assists the operator in making proper target identification by displaying both the Strongest and highest speed targets simultaneously on separate, multi-color display windows.



Automatic Same Lane Operation

With direction sensing capabilities, the DUAL is able to automatically determine if vehicles in the same lane are closing or going away from the radar. This allows the DUAL to automatically measure same-lane traffic speeds as simply and accurately as it does opposite-lane traffic.

True Doppler Audio

The Stalker DUAL compensates for patrol speed variations when generating the Doppler audio. Since the audio tones do not vary with patrol speed, the operator learns to correlate this true Doppler audio with target speed, which eliminates the need to constantly watch the display to determine target speed.

Cordless Ergonomic Remote

The Infrared cordless remote moves all controls into the palm of the operator's hand. After experiencing the convenience and ergonomic sensibility of the Stalker Omnidirectional and backlit cordless remote, no operator will ever want to return to corded or faceplate controls.



Detachable Display Unit

The tiny display module can be easily separated from the counting unit using an optional cable. This allows for nearly limitless installation options.



Serial Port

The serial RS-232 port can interface with most video cameras, computers, remote readouts, printers, etc. The port interface eliminates the need to route additional cables to the display/counting unit.



Optional Waterproof Components

The Stalker's DUAL shares the optional waterproof motorcycle components with the Stalker 2X. Durable, accurate products for continuous duty in the worst conditions.



STALKER DUAL

The Most Sophisticated Ka Band Antenna

Twin Balanced Mixers

The extremely sophisticated Ka band antennas use two mixer diodes (every other radar available uses just one diode). By averaging the Doppler signal from two diodes, the ending signal is much cleaner (less static or noise). The reduced signal noise increases sensitivity and allows the radar to achieve much longer range.



Patented Digital Antenna Communication

The Stalker DUAL achieves longer range by digitizing the Doppler audio signal at the antenna and using a high speed bi-direction communication link to transmit data between the antenna and the counting unit. Other two-piece radar units (even DSP 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 result in reduced range and increased potential for false signals.

O-Ring Sealed Waterproof Design

The completely waterproof Ka band antenna features O-ring seals and connectors. The antenna can be exterior mounted with no reliability concerns.

Narrow Beam Width

The narrow antenna beam-width of 12 degrees improves target discrimination.

Four-Direction Speed Monitoring

With two antennas, the Stalker DUAL's moving mode can track vehicles in four directions:

- In **front** of the Patrol moving the **same** direction
- In **front** of the Patrol approaching in the **opposite** direction
- **Behind** the Patrol moving in the **same** direction
- **Behind** the Patrol receding in the **opposite** direction

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