

PROJECT DETAIL SHEET (PD004)

**Handheld Radar**

Department:	Police
Category:	Vehicles/Equipment
Request Type (New/Prior Year):	New
Priority:	Maintain Service
FY2024-FY2028 Project Cost:	\$5,000
Estimated Useful Life:	10 Years



**Description and Justification:**

The request is to use Free Cash to purchase a handheld radar to replace the existing one that is beyond warranty and cannot be repaired.

Estimated Costs by Fiscal Year	
FY2024	\$5,000
FY2025	\$0
FY2026	\$0
FY2027	\$0
FY2028	\$0
<b>Total Five-Year Cost</b>	<b>\$5,000</b>

Anticipated Funding Source(s)	
	General Fund (Debt)
X	General Fund (Pay As You Go)
	State/Federal Grant
	CPA Grant
	Trust Fund/Local Grant
	Other*

\*Specify other funding source(s) in project description.

<b>Operating Budget Impact:</b>	<b>\$0</b>
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## Optional Accessories

The versatile Stalker II has available mounts, holsters and antenna connections for nearly any application.

### Mounts

The Stalker II can be dash mounted (with or without handle) in the police vehicle.

A variety of mounts are available for several makes and models of vehicles and motorcycles.



### Holster

The holster fully protects the Stalker II when not in use, keeping it safely and securely tucked away on motorcycle patrol. Available with and without keyed lock.



### Detachable Battery Handle

With its detachable high-capacity battery handle, the Stalker II is easily mounted to any law enforcement vehicle, and will go from hand-held to dash mount and back to hand-held in a snap.

The intelligent battery charger protects batteries and operates using either the 120 VAC wall adapter or an optional 12 VDC cigarette plug cable.



# STALKER II

**Stalker II - SDR** | Stationary Directional Radar

**Stalker II - MDR** | Moving Directional Radar

## Model/Features

	Stalker II SDR	Stalker II MDR
Moving mode	N/A	Standard
Automatic Same Lane mode (no slower key)	N/A	Standard
VSS operation	N/A	Standard
VSS Moving/Stationary modes auto switching	N/A	Standard
Removable rechargeable Battery Handle	Standard	Standard
Waterproof down to 2 ft of water depth	Standard	Standard
Rugged but lightweight Die-Cast metal body	Standard	Standard
Stopwatch mode	Standard	Standard
Directional sensing	Standard	Standard
Strongest and Faster display in all target modes	Standard	Standard
Faster Target Lock in all target modes	Standard	Standard
Software upgradeable	Standard	Standard
Video interface connector	Standard	Standard
Battery Handle Charger accessory	Standard	Standard
Cordless Remote Control	Optional	Standard
Dash Mount operation	Optional	Standard
Motorcycle operation	Optional	Optional
Motorcycle Holster	Optional	Optional
Wired Remote Control	Optional	Optional
Rear facing antenna	N/A	Optional



**Stalker II - SDR** | Stationary Directional Radar

**Stalker II - MDR** | Moving Directional Radar

# STALKER II

The performance and range of a vehicle-mounted radar in a versatile, hand-held lightweight package. The Stalker II includes direction-sensing and moving mode technology and is available in either moving / stationary or stationary-only versions.



- High Performance Design Using Direction-Sensing Technology
- Faster Speed Tracking
- 3 Window Display
- Detachable, Rechargeable, High Capacity Battery Handle
- Rugged, Waterproof Die-Cast Metal Construction
- Plug-n-Play Vehicle Speed Sensing for MDR Model
- Touch Panel Keys with Backlit LCD
- Stalker - Used by more State Agencies than all other radar brands combined

Ergonomic infrared remote



# STALKER®

**Power to Enforce.**

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006-0347-00 Rev J

**800-STALKER**

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# STALKER®

**Power to Enforce.**

## ■ Stalker II MDR | Moving Directional Radar

The Stalker II MDR, moving directional radar, brings direction-sensing technology to a hand-held radar. The Stalker II can automatically distinguish between faster or slower same-lane targets in moving mode without a slower key and can simultaneously track targets closing or going away. The rear antenna option allows the connection to a rear-facing antenna to yield performance of a two-antenna dash-mounted unit. An ergonomic infrared remote control is standard.

## ■ Stalker II SDR | Stationary Directional Radar

The Stalker II SDR, stationary directional radar, has the range and performance of a vehicle-mounted radar in a versatile hand-held package with patented direction-sensing technology. The ergonomic infrared remote may be added to increase the Stalker II's versatility.

### Backlit Rear Display

The 3-window backlit display presents an intuitive user interface with clear messaging and control buttons. It features LCD display windows for simultaneously displaying Strongest Target, Faster Target, with direction arrows that indicate the direction of travel for both the strongest and faster targets along with Patrol Speed (in moving mode).

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

**TRIGGER** – Pull the trigger to transmit and release for hold. A pull (to transmit) pull (to hold) operation is optional. The trigger is used in stopwatch mode to perform the start/stop function.

**MENU** – is used to enter the operator menu.

**STA/MOV** – selects stationary or moving mode in the MDR. Not used in the SDR.

**▲/TEST** – ▲ sets distance in stopwatch mode and increments settings in the operator menu. **TEST** performs a diagnostic check on the radar.

**LOCK/REL** – is used to **LOCK** and **RELEASE** strong speed targets.

**BOTH/DIRECTION** – This key is used to select target direction.



**LIGHT/▼** – **LIGHT** switches the backlight on and off. **▼** sets distance in stopwatch mode and decrements settings in the operator menu.

**POWER** – toggles the main power ON and Off.

**Multi-Function Port** – connection point for VSS, external power, and RS-232 data output.

### Rear Antenna Option



The Stalker II MDR can be purchased with an optional rear antenna port. With this feature, a second, rear-facing antenna can be connected to the Stalker II MDR to yield the performance of a two-antenna dash-mounted unit either in a patrol vehicle or on a motorcycle.



### Motorcycle/Waterproof Applications



The Stalker II brings versatility to motorcycle applications as a handlebar mount, with or without the battery handle attached, or used as a traditional hand-held with an optional holster.

Its die-cast-metal case is smaller and lighter than most hand-helds, and the Stalker II is waterproof to a depth of 2 feet. That makes the Stalker II at home on the water as well as on the roadway.



### Full-Function Remote Control

The full function remote control adds to the Stalker II's versatility and provides direct access to the operator settings that can also be accessed in the Operator Menu.

**▲** – is used to set distance in stopwatch mode and to increment settings in the operator menu.

**STRONG LOCK/REL** – is used to lock and release strong targets.

**ANT** – toggles between integral antenna and optional, rear-facing antenna.

**FAST LOCK/REL** – is used to lock and release faster targets.

**▼** – is used to set distance in stopwatch mode and to decrement settings in the operator menu.

**BOTH / DIRECTION** – is used to select target direction for both stationary and moving modes.

**SEn / 100** – **SEn** adjusts the sensitivity (range) of the radar. **100** is used for setting distance in stopwatch mode.

**TEST / MENU** – **TEST** performs a diagnostic check on the radar; **MENU** is used to enter the operator menu.

**XMIT/HLD** – toggles between transmit mode and hold mode.

**SS** – is the Start/Stop control for stopwatch operation.

**STA/MOV** – selects either stationary mode or moving mode.

**SQL / 10** – **SQL** toggles the squelch control on/off. **10** is used for setting distance in stopwatch mode.

**PS 5/20 / 1** – **PS 5/20** is used to set the minimum patrol speed. **1** is used for setting distance in stopwatch mode.

**PS BLANK** – will blank a locked patrol speed and it is also used to reacquire a new patrol speed.

**[[[** – is used to adjust the Doppler volume and the beep volume.

**LIGHT** – activates the remote backlight for 6 seconds.



**Power to Enforce.**

stalker-radar.com

TMDE Calibration Labs, Inc  
PO Box 8, 839 River Road  
Richmond, ME 04357  
Phone: 877-863-3522 Fax: 207-737-4868

ESTIMATE	
Date	Estimate #
4/25/2023	

NAME/Address
Boxford Police Department 285 Ipswich Road Boxford, MA 01921  Jim Riter

DESCRIPTION	Quantity	Cost	Total
Stalker II SDR battery handheld radar	2	\$1,495.00	\$2,990.00
Shipping from factory	2	\$50.00	\$100.00
<b>Total</b>			<b>\$3,090.00</b>

Approval Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Date: \_\_\_\_\_