



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

Request for Quotation

RFO NUMBER
DPS0706

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
BUYER 32
304-558-0492

VENDOR

*709031250 800-458-7866
KUSTOM SIGNALS INC
9325 PFLUMM ROAD

LENEXA KS 66215

SHIP TO

WEST VIRGINIA STATE POLICE

4124 KANAWHA TURNPIKE
SOUTH CHARLESTON, WV
25309 304-746-2141

DATE PRINTED 10/16/2006	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
-----------------------------------	---------------	----------	--------	---------------

BID OPENING DATE: **11/02/2006** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001				680-77	\$2,362.00	\$2,362.00*
REQUEST FOR QUOTATION THE PURCHASING DIVISION IS SOLICITING BIDS FOR THE WEST VIRGINIA STATE POLICE TO PROVIDE AN OPEN-END CONTRACT FOR LASER SPEED AND RANGE MEASUREMENT SYSTEMS FOR STATE, COUNTY AND CITY POLICE AGENCIES. ATTACHMENTS: 1. SPECIFICATIONS 2. AFFIDAVIT						
HAND-HELD LASER/RANGE MEASUREMENT SYSTEM VENDOR PREFERENCE CERTIFICATE CERTIFICATION AND APPLICATION* IS HEREBY MADE FOR PREFERENCE IN ACCORDANCE WITH WEST VIRGINIA CODE, 5A-3-37 (DOES NOT APPLY TO CONSTRUCTION CONTRACTS). A. APPLICATION IS MADE FOR 2.5% PREFERENCE FOR THE REASON CHECKED: <input type="checkbox"/> BIDDER IS AN INDIVIDUAL RESIDENT VENDOR AND HAS RESIDED CONTINUOUSLY IN WEST VIRGINIA FOR FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS						

*Please see the Bid Configuration to follow or additional pricing information as well as Kustom Signals' Extra Value Offer.

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>H. H. H.</i>	TELEPHONE 800-458-7866	DATE 11/1/06
TITLE Assistant Bids and Proposals Manager	FEIN 43-1757730	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO REQ. INSERT NAME AND ADDRESS IN SPACE ABOVE LABELLED VENDOR!



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

Request for Quotation

RFQ NUMBER
DPS0706

PAGE
2

ADDRESS CORRESPONDENCE TO ATTENTION OF:
BUYER 32 304-558-0492

VENDOR

*709031250 800-458-7866
 KUSTOM SIGNALS INC
 9325 PFLUMM ROAD
 LENEXA KS 66215

SHIP TO

WEST VIRGINIA STATE POLICE
 4124 KANAWHA TURNPIKE
 SOUTH CHARLESTON, WV
 25309 304-746-2141

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
10/16/2006				

BID OPENING DATE: 11/02/2006 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
CERTIFICATION; OR () BIDDER IS A PARTNERSHIP, ASSOCIATION OR CORPORATION RESIDENT VENDOR AND HAS MAINTAINED ITS HEAD-QUARTERS OR PRINCIPAL PLACE OF BUSINESS CONTINUOUSLY IN WEST VIRGINIA FOR FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS CERTIFICATION; OR 80% OF THE OWNERSHIP INTEREST OF BIDDER IS HELD BY ANOTHER INDIVIDUAL, PARTNERSHIP, ASSOCIATION OR CORPORATION RESIDENT VENDOR WHO HAS MAINTAINED ITS HEADQUARTERS OR PRINCIPAL PLACE OF BUSINESS CONTINUOUSLY IN WEST VIRGINIA FOR FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS CERTIFICATION; OR () BIDDER IS A CORPORATION NONRESIDENT VENDOR WHICH HAS AN AFFILIATE OR SUBSIDIARY WHICH EMPLOYS A MINIMUM OF ONE HUNDRED STATE RESIDENTS AND WHICH HAS MAINTAINED ITS HEADQUARTERS OR PRINCIPAL PLACE OF BUSINESS WITHIN WEST VIRGINIA CONTINUOUSLY FOR THE FOUR (4) YEARS IMMEDIATELY PRECEDING THE DATE OF THIS CERTIFICATION. B. APPLICATION IS MADE FOR 2.5% PREFERENCE FOR THE REASON CHECKED: () BIDDER IS A RESIDENT VENDOR WHO CERTIFIES THAT, DURING THE LIFE OF THE CONTRACT, ON AVERAGE AT LEAST 75% OF THE EMPLOYEES WORKING ON THE PROJECT BEING BID ARE RESIDENTS OF WEST VIRGINIA WHO HAVE RESIDED IN THE STATE CONTINUOUSLY FOR THE TWO YEARS IMMEDIATELY PRECEDING SUBMISSION OF THIS BID; OR () BIDDER IS A NONRESIDENT VENDOR EMPLOYING A MINIMUM OF ONE HUNDRED STATE RESIDENTS OR IS A NONRESIDENT VENDOR WITH AN AFFILIATE OR SUBSIDIARY WHICH MAINTAINS ITS HEADQUARTERS OR PRINCIPAL PLACE						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS.

SIGNATURE <i>K. H. H. H.</i>	TELEPHONE 800-458-7866	DATE 11/1/06
TITLE Assistant Bids and Proposals Manager	FEIN 43-1757730	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ INSERT NAME AND ADDRESS IN SPACE ABOVE LABELLED 'VENDOR'



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

**Request for
 Quotation**

RFO NUMBER
DPS0706

PAGE
3

ADDRESS CORRESPONDENCE TO ATTENTION OF:
 BUYER 32
 304-558-0492

VENDOR

*709031250 800-458-7866
 KUSTOM SIGNALS INC
 9325 PFLUMM ROAD
 LENEXA KS 66215

SHIP TO

WEST VIRGINIA STATE POLICE
 4124 KANAWHA TURNPIKE
 SOUTH CHARLESTON, WV
 25309 304-746-2141

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
10/16/2006				

BID OPENING DATE: **11/02/2006** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>OF BUSINESS WITHIN WEST VIRGINIA EMPLOYING A MINIMUM OF ONE HUNDRED STATE RESIDENTS WHO CERTIFIES THAT, DURING THE LIFE OF THE CONTRACT, ON AVERAGE AT LEAST 75% OF THE EMPLOYEES OR BIDDERS' AFFILIATE'S OR SUBSIDIARY'S EMPLOYEES ARE RESIDENTS OF WEST VIRGINIA WHO HAVE RESIDED IN THE STATE CONTINUOUSLY FOR THE TWO YEARS IMMEDIATELY PRECEDING SUBMISSION OF THIS BID.</p> <p>BIDDER UNDERSTANDS IF THE SECRETARY OF TAX & REVENUE DETERMINES THAT A BIDDER RECEIVING PREFERENCE HAS FAILED TO CONTINUE TO MEET THE REQUIREMENTS FOR SUCH PREFERENCE, THE SECRETARY MAY ORDER THE DIRECTOR OF PURCHASING TO: (A) RESCIND THE CONTRACT OR PURCHASE ORDER ISSUED; OR (B) ASSESS A PENALTY AGAINST SUCH BIDDER IN AN AMOUNT NOT TO EXCEED 5% OF THE BID AMOUNT AND THAT SUCH PENALTY WILL BE PAID TO THE CONTRACTING AGENCY OR DEDUCTED FROM ANY UNPAID BALANCE ON THE CONTRACT OR PURCHASE ORDER.</p> <p>BY SUBMISSION OF THIS CERTIFICATE, BIDDER AGREES TO DISCLOSE ANY REASONABLY REQUESTED INFORMATION TO THE PURCHASING DIVISION AND AUTHORIZES THE DEPARTMENT OF TAX AND REVENUE TO DISCLOSE TO THE DIRECTOR OF PURCHASING APPROPRIATE INFORMATION VERIFYING THAT BIDDER HAS PAID THE REQUIRED BUSINESS TAXES, PROVIDED THAT SUCH INFORMATION DOES NOT CONTAIN THE AMOUNTS OF TAXES PAID NOR ANY OTHER INFORMATION DEEMED BY THE TAX COMMISSIONER TO BE CONFIDENTIAL.</p> <p>UNDER PENALTY OF LAW FOR FALSE SWEARING (WEST VIRGINIA CODE 61-5-3), BIDDER HEREBY CERTIFIES THAT THIS CERTIFICATE IS TRUE AND ACCURATE IN ALL RESPECTS; AND THAT IF A CONTRACT IS ISSUED TO BIDDER AND IF ANYTHING CONTAINED WITHIN THIS CERTIFICATE CHANGES DURING THE TERM OF THE CONTRACT, BIDDER WILL NOTIFY THE PURCHASING DIVISION IN WRITING IMMEDIATELY.</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <i>K. H. [Signature]</i>	TELEPHONE 800-458-7866	DATE 11/1/06
TITLE Assistant Bids and Proposals Manager	FEIN 43-1757730	ADDRESS CHANGES TO BE NOTED ABOVE



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

Request for Quotation

RFO NUMBER
DPS0706

PAGE
4

ADDRESS CORRESPONDENCE TO ATTENTION OF:
BUYER 32
304-558-0492

VENDOR

*709031250 800-458-7866
KUSTOM SIGNALS INC
9325 PFLUMM ROAD

LENEXA KS 66215

SHIP TO

WEST VIRGINIA STATE POLICE

4124 KANAWHA TURNPIKE
SOUTH CHARLESTON, WV
25309 304-746-2141

DATE PRINTED 10/16/2006	TERMS OF SALE	SHIP VIA	FOB:	FREIGHT TERMS
-----------------------------------	---------------	----------	------	---------------

BID OPENING DATE: **11/02/2006** BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>BIDDER: <u>Kustom Signals, Inc.</u></p> <p>DATE: <u>11/1/06</u></p> <p>SIGNED: <u><i>Kevin Hilboldt</i></u></p> <p>TITLE: <u>Kevin Hilboldt, Assistant Bids and Proposals Manager</u></p> <p>* CHECK ANY COMBINATION OF PREFERENCE CONSIDERATION(S) IN EITHER "A" OR "B", OR BOTH "A" AND "B" WHICH YOU ARE ENTITLED TO RECEIVE. YOU MAY REQUEST UP TO THE MAXIMUM 5% PREFERENCE FOR BOTH "A" AND "B". (REV. 12/00)</p> <p>NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p>DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130</p> <p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p> <p>SEALED BID</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE <u><i>Kevin Hilboldt</i></u>	TELEPHONE 800-458-7866	DATE 11/1/06
TITLE Assistant Bids and Proposals Manager	FEIN 43-1757730	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO REQ. INSERT NAME AND ADDRESS IN SPACE ABOVE LABELLED "VENDOR"



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

Request for Quotation

RFQ NUMBER
DPS0706

PAGE
5

ADDRESS CORRESPONDENCE TO ATTENTION OF:
BUYER 32
304-558-0492

RODNEY

*709031250 800-458-7866
 KUSTDM SIGNALS INC
 9325 PFLUMM ROAD
 LENEXA KS 66215

SHIPTO

WEST VIRGINIA STATE POLICE
 4124 KANAWHA TURNPIKE
 SOUTH CHARLESTON, WV
 25309 304-746-2141

DATE PRINTED	TERMS OF SALE	SHIP VIA	FOB	FREIGHT TERMS
10/16/2006				

BID OPENING DATE: 11/02/2006 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
				BUYER:	RON PRICE	
				RFQ. NO.:	DPS0706	
				BID OPENING DATE:	NOVEMBER 2, 2006	
				BID OPENING TIME:	1: 30 PM	
PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID:						
				913-492-1703		
CONTACT PERSON (PLEASE PRINT CLEARLY):						
				Brian Byrnes		
***** THIS IS THE END OF RFQ DPS0706 ***** TOTAL:						\$2,362.00

SEE REVERSE SIDE FOR TERMS AND CONDITIONS		
SIGNATURE <i>[Signature]</i>	TELEPHONE 800-458-7866	DATE 11/1/06
TITLE Assistant Bids and Proposals Manager	FEIN 43-1757730	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ INSERT NAME AND ADDRESS IN SPACE ABOVE LABELLED 'VENDOR'

HANDHELD LASER SPEED AND RANGE MEASUREMENT SYSTEM SPECIFICATIONS

The West Virginia State Police desire to establish an open-end contract for the purchase of Police Traffic LIDAR (Light Detection and Ranging) handheld laser speed and range measurement systems, hereinafter system. The contract will be available for use by other entities of state government, as well as counties and municipalities.

1. LIDAR SPECIFICATIONS

		Comply?	
		<u>Yes</u>	<u>No</u>
1.1	The instrument shall use LIDAR techniques to determine the range and speed of target objects from a series of infrared laser light pulse.	<u>XX</u>	_____
1.2	The system shall conform to the National Highway Traffic Safety Administration (NHTSA) "Model Minimum Performance Specifications for (LIDAR) Laser Speed Measuring Devices. In addition the system should meet the FDA/CDRH CLASS 1 Device specifications for eye safety.	<u>XX</u>	_____
1.3	The system shall operate from the unfiltered power supply available in a standard automotive vehicle (10.8 – 16.5 volts DC; negative ground) and from removable battery located in the handle.	<u>XX</u>	_____
1.4	The system shall include both the DC power supply cord and the battery needed to operate the system. The DC power supply cord shall be at least 5 1/2 feet in length, with a completely flexible polypropylene jacket impervious to deterioration by oil and exposure to sunlight. It shall terminate on one end by a rugged heavy duty male plug compatible with a conventional cigarette lighter receptacle of a vehicle with the other end securely fastening to the system. The male connector plug shall be made of a rugged bread-resistant material and shall have heavy, corrosion-resistant spring-action electrical contacts. The end of the cigarette plug shall be removable and contain no more than a 3 amp SLO-BLO fuse. If the system utilizes a rechargeable battery pack then the system must also include a charger for the battery pack and one (1) additional battery pack.	<u>XX</u>	_____
1.5	The system shall be accurate through its range within plus or minus one (+/- 1) mile per hour and shall be capable of reading speed from at the minimum ± 1 mph to ± 200 mph.	<u>XX</u>	_____
1.6	The system shall have an adjustable range control which allows the operator to select the maximum distance at which a target will be detected, from a minimum of 20 feet to 4500 feet.	<u>XX</u>	_____
1.7	The system shall be gun shape in design for maximum ease of use and portability.	<u>XX</u>	_____
1.8	The system shall incorporate a heads-up display (HUD) that allows the operator to simultaneously observe the target and continuously updated speed displays, to insure proper tracking history.	<u>XX</u>	_____

	Comply?	
	<u>Yes</u>	<u>No</u>
1.9 The system shall be capable of displaying either speed or range to the target, in the HUD selectable by the operator.	<u>XX</u>	_____
1.10 The systems HUD shall have an adjustable brightness control with a visual indication of the selected brightness.	<u>XX</u>	_____
1.11 The systems HUD shall incorporate two separate four-character minimum high-brightness alphanumeric displays, one each for target speed and range.	<u>XX</u>	_____
1.12 The system shall be equipped with an LED indicator which presents a visual indication that DC power is present and the unit is turned on.	<u>XX</u>	_____
1.13 The system shall be equipped with an LED indicator which presents a visual indication that laser pulses are being transmitted.	<u>XX</u>	_____
1.14 The system shall incorporate a dual function trigger. When the trigger is pulled, it activates the firing of laser pulses and the range and speed measurement functions of the system. When the trigger is released, the displayed range and speed readings are locked on the displays.	<u>XX</u>	_____
1.15 The system shall be capable of distinguishing between different directions of vehicular traffic: approaching and receding.	<u>XX</u>	_____
1.16 The system shall have an adjustable audio control with a visual indication of the selected audio level.	<u>XX</u>	_____
1.17 The system shall output an adjustable volume, variable pitch, audio tone that is directly proportional to target speed.	<u>XX</u>	_____
1.18 The system shall include a built-in and an operator initiated electronic calibration self-test which performs a diagnostic test of the time-measurement circuitry, signal processor, random access memory (RAM), and associated processor logic. Any detected malfunction will result in a "FAIL" indication.	<u>XX</u>	_____
1.19 The system shall have a light-test function for checking the readout display to verify that all displays are in working order.	<u>XX</u>	_____

2. OPERATING INSTUCTIONS MANUAL

2.1 A full and complete set of operating instructions shall be furnished by the contractor with each unit.	<u>XX</u>	_____
2.2 The contractor shall make available complete LIDAR operator training. This may be in the form of VHS video training which is to be included with each system purchased.	<u>XX</u>	_____

Comply?
Yes No

3. WARRANTY

3.1 The manufacturer shall fully guarantee their traffic LIDAR system and agree to repair or replace (at its discretion) each unit that fails due to defective materials or workmanship for a period of two (2) years from the date of delivery to the agency. XX _____

A F F I D A V I T

West Virginia Code §5A-3-10a states:

No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owned is an amount greater than one thousand dollars in the aggregate.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Debtor" means any individual, corporation, partnership, association, limited liability company or any other form or business association owing a debt to the state or any of its political subdivisions.

"Political subdivision" means any county commission; municipality; county board of education; any instrumentality established by a county or municipality; any separate corporation or instrumentality established by one or more counties or municipalities, as permitted by law; or any public body charged by law with the performance of a government function or whose jurisdiction is coextensive with one or more counties or municipalities.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

EXCEPTION:

The prohibition of this section does not apply where a vendor has contested any tax administered pursuant to chapter eleven of this code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

LICENSING:

The vendor must be licensed in accordance with any and all state requirements to do business with the state of West Virginia.

CONFIDENTIALITY:

The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures and rules. Vendors should visit www.state.wv.us/admin/purchase/privacy for the Notice of Agency Confidentiality Policies.

Under penalty of law for false swearing (West Virginia Code, §61-5-3), it is hereby certified that the vendor acknowledges the information in this said affidavit and are in compliance with the requirements as stated.

Vendor's Name: Kustom Signals, Inc.

Authorized Signature:  Date: November 1, 2006

Note: Sales Tax Not Included in Configuration

PROLASER III SYSTEM	<u>QTY</u>	<u>Unit Price</u>	<u>Total Price</u>
Kustom Signals ProLaser III Handheld Traffic Laser System to include:			
Inclment Weather Mode			
LCD Display			
Input/Output Connector			
Heads-Up Display			
Audio Assisted Targeting			
Forward Swept Design for Operator Comfort			
Selectable Direction Mode			
Stopwatch Mode			
Cordless Battery Handle w/ Charger			
Corded Handle			
Two-Year Parts and Labor Warranty			
Shipping and Handling			
Total	1	\$2,362.00	\$2,362.00

KUSTOM SIGNALS' EXTRA VALUE OFFER!!!

With each purchase of 5 Systems or more, the purchasing agency will receive one free Talon Series or Eagle Series Radar Free of Charge!!!
Please contact your District Manager, Larry Taylor, for details.

Prices Valid for 90 Days after due date of bid.
Delivery: Within 60 days after receipt of order
Delivery Terms: FOB Destination
Payment Terms: Net 30 Days



9325 PFLUMM/LENEXA, KANSAS 66215-3347
913/492-1400 FAX 913/492-1703
www.kustomsignals.com
SINCE 1965

A SUBSIDIARY OF PUBLIC SAFETY EQUIPMENT, INC.

November 1, 2006

Department of Administration
Purchasing Division
2019 Washington Street East
Charleston, WV 25305

SUBJECT: RFQ Number DPS0706
DUE: November 2, 2006 @ 1:30 PM

Dear Sir or Madam:

Thank you for inviting Kustom Signals, Inc. to respond to the above referenced bid request. Kustom Signals is pleased to provide you with the enclosed documentation and pricing on the ProLaser III lidar system.

The ProLaser III is offered with a two-year warranty with no pro-rata deductions or charges for parts and labor. In addition to the original completed bid forms, product literature, and our warranty statements are also enclosed.

Prices bid will remain valid for a period of 90 days from the bid opening date. If awarded the contract, prices shall remain firm for the specified contract period. Shipment can be expected within 60 days after receipt of order. Shipping terms are FOB: Destination. Payment terms are net 30 days.

Should you have any questions regarding our enclosed offer, please call me at (800) 852-1270 ext. 3103. If you have questions regarding products offered by Kustom Signals, please feel free to call your District Manager, Larry Taylor, at (913) 302-7708, or Inside Sales Representative, Brian Byrnes, at (800) 458-7866.

Sincerely,

Kevin Hilboldt
Assistant Bids and Proposals Manager

cc: Larry Taylor, District Manager
Brian Byrnes, Inside Sales Representative
File



9325 PFLUMM / LENEXA, KANSAS 66215-3347
913/492-1400 FAX 913/492-1703
www.kustomsignals.com
SINCE 1965

Kustom Signals' ProLaser III System Limited Warranty

The Kustom Signals ProLaser III system is guaranteed to be free of defects in materials and workmanship for a period of two (2) years from date of delivery to the Owner or Lessee.

- This Warranty applies only to the original registered Owner or Lessee on file at Kustom Signals, Inc., and cannot be assigned or transferred to a third party.
- The Owner or Lessee shall use the Equipment in accordance with the manufacturer's operational instructions.
- The Owner's or Lessee's exclusive remedy under this Warranty is limited to repair to the manufacturer's operational specifications or replacement, at the sole discretion of Kustom Signals, Inc. or its agent, of the Equipment as (i) is covered by this Warranty; (ii) is delivered to Kustom Signals, Inc. or its agent at the Owner's or Lessee's expense within the term of this Warranty; and (iii) upon examination thereof discloses to the exclusive satisfaction of Kustom Signals, Inc. or its agent to have been defective in material or workmanship. Warranty service and repairs must be performed by an Authorized Kustom Signals Warranty Service Center or the Factory Customer Service Center or this Warranty is void.
- Failure of the Owner or Lessee to observe any conditions set forth in this warranty; or equipment damage arising from flood, fire, vehicle collision, act of God or similar event or catastrophe; or tampering, abuse, or misuse of the equipment by Owner, Lessee or third party will render the Owner or Lessee responsible for the cost of bringing the system within the manufacturer's operational specifications.
- This warranty is not intended to supplant normal care and service by the Owner or Lessee, as specified in the Operator's Manual, and shall not apply to Equipment which has been defaced or damaged through normal usage.
- The liability of Kustom Signals, Inc., if any, with respect to the equipment, shall be limited as provided in this Warranty. Kustom Signals, Inc. disclaims any obligation or liability for the loss of use of the Equipment warranted, loss of time, inconvenience, commercial loss or other direct, consequential, special or incidental damages. Kustom Signals, Inc. makes no warranties of any kind other than as herein expressly provided, expressed or implied, and specifically disclaims the implied warranties of merchantability and of fitness for a particular purpose. You may have additional rights under this Warranty that vary from state to state.
- No action for breach of this warranty may be commenced more than one year after the date of alleged breach.

Equipment Supplied with Consumable Items

Items such as tires, non-rechargeable batteries, transmitter carrying pouch, and microphone cables w/microphone and windscreen are considered consumable items and as such are not covered by this warranty.

SMART Radar

SMART system radar units are warranted for two years, subject to the warranty terms included in the radar Operator's Manual.


KUSTOM SIGNALS, INC.

ProLaser® III



Speed enforcement at the speed of light - advanced lidar technology for today's Traffic Safety Professional.

ProLaser® III

Looking through the 1:1 heads-up display, you aim for the smaller, faster car emerging from a group of vehicles. With pinpoint accuracy, you pull the trigger and obtain a near-instant reading with positive target identification.

A New Generation of Laser

Defying the standards of conventional lidar, Kustom's compact, battery-operated ProLaser III offers a new level of performance and features not available anywhere else.

Lidar Technology

Using lidar (Light Detection and Ranging) technology, the ProLaser III emits a series of invisible laser light pulses to measure both the range and velocity of targets. This technology, combined with advanced software and a superior optics design, provides *quicker target acquisition and a beam only 3 ft. wide at a range of one thousand feet.* Speeders simply don't stand a chance!

Pinpoint Accuracy

The ProLaser III's Heads-Up Display (HUD), is designed to provide 1:1 viewing for precise vehicle targeting and less eye strain. The jointly mounted HUD and optics are secured to the extruded aluminum housing to prevent misalignment.

When using the HUD you'll see the target area and surrounding traffic for positive target identification, as well as an illuminated aiming reticle to help you pinpoint your target. An audible tone identifies when the target speed has been obtained. While holding the trigger, you'll be able to visually verify the target speed as it continuously updates in the heads-up-display. Together, these features allow you to develop a true tracking history, as preferred by most judicial systems.

Environmental Mode

Traditionally, one of the drawbacks to using laser has been its limited effectiveness during undesirable weather conditions such as rain, snow,



Kustom's 1:1 heads-up display, allows both eyes to remain open, thereby reducing eye strain and depth perception problems.

fog and dust. The waterproof ProLaser III incorporates a special environmental mode that minimizes the range-limiting effects of poor weather conditions and shooting through windows and windshields.

More Advanced Features

The ProLaser III's selectable direction mode prevents displays of unselected traffic direction. This mode prevents the operator from inadvertently obtaining a speed from an opposite direction vehicle. The ProLaser III also has the capability of setting minimum and maximum target ranges—great for areas such as school and construction zones where you need a beginning and end mark to target vehicles inside a specific area.

Using the stopwatch mode couldn't be easier. Once you've activated the mode from the rear panel display, you need

only to enter two known or measured distances. Squeeze the trigger once to begin the stopwatch. Squeeze again to stop. Instantly, your calculated speed is displayed.

Enhanced Design

One of the first things you'll notice about the ProLaser III is its sleek, ergonomic design. Compact and weighing just over 3 pounds (with the battery) the unit features a forward swept handle. This advanced style reduces arm and wrist fatigue, allowing officers to comfortably target vehicles without the use of a shoulder stock or supporting rest.

The fixed handle accommodates either the self-contained, long-life rechargeable nickel metal hydride battery pack or the corded adapter for use with a 12V power source.

Operating the various modes of the ProLaser III is made easy with the integrated LCD/keypad located on the back panel. Featuring a backlit display and easy to use tactile switches, you'll discover how easy the system is to use.

**For more information, call us
1-800-4KUSTOM (458-7866)
or visit us on the web
www.kustomsignals.com**

**First in
traffic safety**

The Ultimate in Speed Enforcement

Lidar System Functions

Rubber Bumpers, located on both the front and back ends, protect the unit's critical areas.

Glass Lens - separate for transmitting and receiving, provide greater range resolution.

Trigger activates range and speed measurement when pulled and held; locks the last displayed reading when released. A second trigger pull releases the locked reading. In Stopwatch Mode, the trigger starts and stops the internal timer.

I/O Connector provides for an input/output signal when interfaced with a PC-type device or with Kustom's Giant Speed Display.

Battery Access Cap unscrews with a push and twist motion to allow removal or replacement of either the corded power source or the cordless battery pack.

Liquid Crystal Display (LCD) alphanumerically displays speed and range, set-up and command menus and status displays.

Heads-Up Display allows the operator to sight the projected aiming reticle on the desired target vehicle, and to view the measured target speed. Both the reticle and speed or range are projected directly into the HUD.

MENU/ESC
MENU displays the unit's programmed menu options on the LCD. ESC permits the user to exit the menu function and return to the speed or range operating mode.

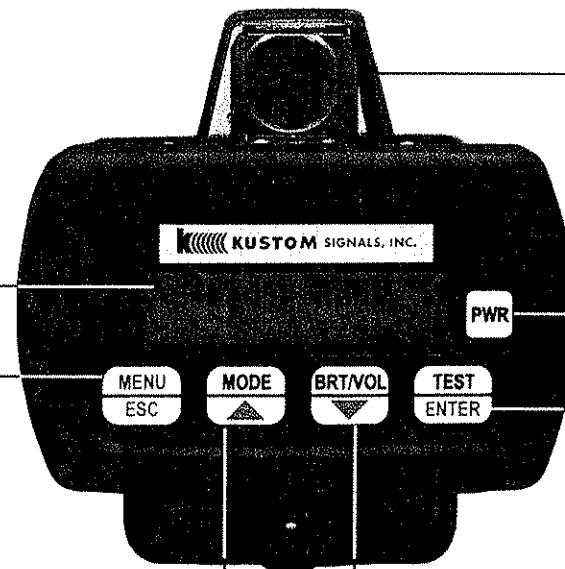
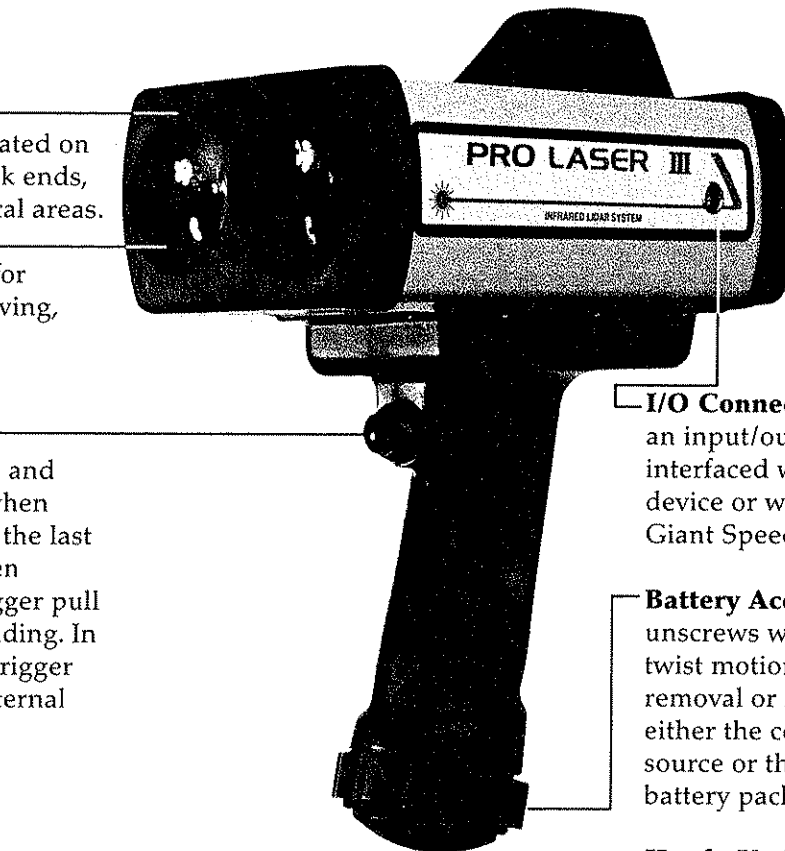
Power Control turns the unit on or off.

MODE/▲ toggles between the speed and range modes. While in a menu screen, the arrow functions as the "up" selector.

Audio Speaker produces audible tones to assist the operator during use.

TEST/ENTER
TEST initiates the unit's self test. If a menu item is displayed ENTER activates the selected menu option.

BRT/VOL/▼ activates the backlight; allows the HUD brightness and volume to be adjusted. While in a menu screen, the arrow functions as a "down" selector.



ProLaser III Lidar System Specifications

System — General

Type:	Stationary laser-based range and speed measurement system
Measurement:	Vehicle speed in miles or kilometers per hour; distance to object in feet or meters
Eye Safety:	CDRH Class One Eyesafe
Operating Temperature Range:	-22°F to +140°F (-30°C to +60°C); 0 to 95% R.H., non-condensing
Storage Temperature:	-40°F to +176°F (-40°C to +80°C)
Power Requirement (external):	10.8 to 16.5 VDC; negative ground, 750 mA max.
Power Requirements (internal):	Removable, rechargeable 9.6 VDC nom., NiMH battery pack

Accessories — Optional

Internal Removable Battery Pack/Charger
Heavy Duty Carrying Case
Tripod
Windows-based LaserStat Traffic
Statistics Package
External Battery Pack with Charger

System — General

Test:	Activates a display segment test, internal accuracy test, and displays programmed units of measure (mph or km/h). Operator-controlled and automatic when first powered up.	Display:	Two line high contrast LCD active matrix display. Backlight permits night time use.
Optics:	Dual objective lenses for transmitted and received laser pulses.	Alpha Messages:	LV Alert indicates the battery is approaching minimum voltage. LV Warning indicates the battery has been exhausted and the unit will no longer function. Error indicates an internal problem exists.
Heads-Up-Display:	Displays illuminated square aiming reticle, and 4-character, 7-segment, high-brightness, LED target speed or range.	Stopwatch Mode:	Displays indicate speed on left side of LCD and elapsed time on right side. Measurement distance can be set in increments of one foot from 300' to 4500'. Elapsed time is registered in tenth second intervals.
Beam Width:	3' x 3' at 1,000' (1m x 1m at 330m).	Physical Construction:	Extruded aluminum housing protects internal circuitry. High-impact ABS handle houses power source. Durable rubber bumpers protect critical areas of front and rear panels.
Speed Accuracy:	±1 mph (±2 km/h)	Waterproof Ratings:	IP-67 and NEMA 6
Speed Range:	5 mph to 200 mph (8 to 321 km/h).	Physical Dimensions:	Height: 10.25" (26.04 cm) Width: 4.25" (10.8 cm) Length: 7.4" (18.8 cm)
Speed Display Update:	Updates current target speed 3-4 times per second while trigger is held, providing true tracking history of target vehicle.	Weight (w/ internal battery):	3.25 lb. (1.9 Kg)
Range:	10' to over 4,000' (3m to 1330m); reflective target		
Range Accuracy:	±6" (±0.2 m)		
Range Resolution:	0.1' (0.1m)		
Aiming Tone:	No tone when beam is off moving target; intermittent tone when beam is close to target; solid tone when beam is locked on moving target.		
Acquisition Time:	.3 seconds, typical		
Direction Discrimination:	Unit can be set to measure and display speed of approaching only (+), receding only (-), or both directions of traffic.		
I/O Data Port:	RS-232 serial port outputs speed, direction, range and error messages. Operating parameters to the unit can be changed via remote control through the PC-type device. When connected to a giant digital display, exports speed information.		

ProLaser III is included on the NHTSA/IACP Consumer Products List. In keeping with Kustom Signals' policy of continued refinement of its products, these specifications are subject to change without notice. Kustom Signals' warranty includes parts and labor, and warrants all components—without exception—against defects in materials and workmanship. Service can be performed by the Kustom Signals' manufacturing facility. Lease/Purchase available. For more information, a quote, or to place an order, call toll-free: 1-800-4KUSTOM (458-7866) or visit www.kustomsignals.com

