



## SpeedLaser® R *Rugged*



- LIDAR vehicle speed detection
- Optional Print Evidence Capabilities
- Optional Photo Evidence Capabilities
- Optional Video Evidence Capabilities
- Optional USB/SD Memory Card Port
- Outstanding range - 3,650 meters
- Short acquisition time

The SpeedLaser R System virtually eliminates vehicle misidentification. Readings are obtained too quickly for drivers to react – making laser detectors useless. And, SpeedLaser's jamming resistance/Stealth Mode technology gives results when other units fail.

The SpeedLaser R model features a robust amount of add on features not found with our other SpeedLaser models. It supports enough internal room to accommodate upgrades such as Bluetooth technology, USB/SD Memory Card slots, internal video camera, and other accessories.

Our rugged R model comes complete with a removable battery handle, charger and rubber bumpers for added protection. This is the most rugged SpeedLaser when choosing any LIDAR speed detection device.

### **Superior Range and Acquisition Time**

- Displays speed in 0.2 seconds
- Up to 3,650 m range
- Head up (HUD) display allows for pinpoint accurate aiming

### **The Most Accurate and Reliable LIDAR Technology Available**

- Stealth Mode thwarts jammers
- Obstructed Mode obtains readings through rain, fog and windscreen
- Jammer Detector indicates if a jammer may be in use
- Battery life lasts up to 40 hours with NiMH rechargeable batteries. Handle which uses disposable 9V batteries also available

### **Balanced, Easy Point & Shoot Operation**

- Intuitive interface with easy to navigate plain language operator menu
- Multi-language display
- Head up display displays speed and/or range

### **Courtroom Credibility**

- Built in daily test checklist reminds operator of each step to perform an accurate and complete test
- Built in hardware test (BIT)
- Following too Close (FtC™) software which detects and indicates the TRUE separation between two vehicles (Available option)

### **Affordable & Designed to be Rugged**

- Unparalleled laser alignment with cast aluminium chassis which keeps the laser accurately aligned
- Protective rubber bumpers and durable housing protect the laser

## Head Up Display (HUD)

Operator can configure the HUD to display cross hairs with dot (as shown left), just cross hairs, or just the aiming dot for pinpoint accuracy.

The operator can also configure the HUD to display speed (as shown), or range, toggle between speed and range, display both simultaneously or display neither.



## Optional Upgrades and Accessories

### Video Camera

Attaches in front of the head-up display and provides standard video-out connector for connection to a recording device

### Bluetooth Technology

Allows for wireless data transfer between laser and mobile computers, cameras and other mobile devices.

### 8x Monocular Scope

User-installable, hinge-mounted scope to easily switch between magnified and regular head-up display views.

### SD Memory Card Slot/USB Port

Allows for data storage (with optional SD Memory Card) or transfer of data, photos or video.

For a full list of the upgrades and accessories available for the SpeedLaser R, please refer to the "SpeedLaser Accessories" brochure



8 x Monocular Scope (SpeedLaser R)



Video Camera



Bluetooth Technology

## Technical Specifications

<b>Certifications:</b>	International US and European standards, CE & FCC, listed on IACP consumer products list, Home Office Type Approval (R&S)
<b>Dimensions:</b>	11.5w x 19.0h x 21.5d cm
<b>Weight:</b>	2.2kg with 9V battery handle
<b>Temperature:</b>	Operates -30°C to 60°C
<b>Humidity:</b>	90% non condensing
<b>Environmental:</b>	Water & dust resistant IP67 & NEMAX
<b>Head Up Display:</b>	LED aiming sights; 1 line x 4 & 1 line x 3 readout. Displays both range and/or speed
<b>Rear Panel Display:</b>	4 line x 20 character LCD
<b>Keyboard:</b>	Simple, sealed keypad (7 button)
<b>Data:</b>	RS-232 serial port. Optional memory slot for SD card and USB drive
<b>Power Source:</b>	Rechargeable Nickel Metal Hydride (NiMH) battery handle, Disposable 9V battery option also available
<b>Typical Usage:</b>	24 - 40 hours battery life
<b>Recharge Time:</b>	Standard: 8 - 10 hours Smart Charger: 2 hours for 2 handles
<b>Measurement Time:</b>	0.1 - 0.2 seconds
<b>Distance Range:</b>	Up to 3,650m
<b>Speed Range:</b>	0 km/h to 320 km/h
<b>Distance Accuracy:</b>	± 15.2cm 3 sigma ± 7.6cm 1 sigma
<b>Speed Accuracy:</b>	One unit of measure
<b>Increment:</b>	0.1 kph
<b>Light Source:</b>	Semiconductor pulsed laser

