pacific data systems

Solutions. Technology. Simple.

SpeedLaser® S *Standard*

- **LIDAR vehicle speed detection**
- **Optional 8x Monocular Scope**
- **Optional Bluetooth**
- **Optional USB/SD Memory Card Port**
- **Outstanding range - 3,650 meters**
- **Short acquisition time**
- **Speed tracking history**

The SpeedLaser® S 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® S model features a slim, compact design and also allows enough room for option upgrades such as an 8x monocular scope, Bluetooth technology, USB/SD Memory Card slots and more.

Our standard S model comes complete with a removable battery handle and charger. This is our most cost effective option when choosing a LIDAR speed detection device.

Key Features

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

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 available from Pacific Data Systems.

8 x Monocular Scope (SpeedLaser S)

SD Memory Card Slot/USB Port

Bluetooth Technology

Technical Specifications

Certifications:	International US and European standards, CE & FCC, listed on IACP consumer products list, Home Office Type Approval (R&S)
Dimensions:	9.6w x 18.5h x 16.2d cm
Weight:	1.77 kg with 9V battery handle
Temperature:	Operates -30°C to 60°C
Humidity:	90% non condensing
Environmental:	Water & dust resistant IP65 & NEMAS
Head Up Display:	LED aiming sights; 1 line x 4 & 1 line x 3 readout. Displays both range and/or speed
Rear Panel Display:	4 line x 20 character LCD
Keyboard:	Simple, sealed keypad (7 button)
Data:	RS-232 serial port. Optional memory slot for SD card and USB drive
Power Source:	Rechargeable Nickel Metal Hydride (NiMH) battery handle, Disposable 9V battery option also available
Typical Usage:	24 - 40 hours battery life
Recharge Time:	Standard: 8 - 10 hours Smart Charger: 2 hours for 2 handles
Measurement Time:	0.1 - 0.2 seconds
Distance Range:	Up to 3,650m
Speed Range:	0 km/h to 320 km/h
Distance Accuracy:	± 15.2cm 3 sigma ± 7.6cm 1 sigma
Speed Accuracy:	One unit of measure
Increment:	0.1 kph
Light Source:	Semiconductor pulsed laser