

TRUSPEED® SERIES



SUPERIOR LASER PERFORMANCE AT AFFORDABLE PRICING

The TruSpeed laser is one of the most economical and reliable laser speed devices in the world. It's priced so even the smallest of departments can afford

LIDAR. It has a lightweight, ergonomic design that's extremely simple to operate. Like all LTI lasers, the TruSpeed offers pinpoint, single-vehicle targeting in multilane traffic—a huge advantage over radar. It also comes standard with the same proprietary Accuracy Validation firmware, which ensures every speed measurement is true and correct before it ever displays a speed reading. The TruSpeed dc version stores all the speed data internally, allowing you to download and archive all your speed measurement data.

KEY FEATURES:

- Rely on the self-explanatory keypad for ease of operation
- Adjust the brightness level on the heads-up display for maximum visibility
- Enhance your aiming stability with the removable shoulder rest
- Shoot through light rain or snow with the one-button weather mode
- Always know the laser beam size at any distance with the aiming mark found inside the HUD

TRUSPEED DETAILS



Easily accessible mount to quickly add or remove the shoulder stock

Serial port to easily download your speed data into TruLogger (TruSpeed dc units only)

Clear and easy-to-read display with a backlight button for nighttime use



Over-the-counter C batteries to eliminate recharging hassles



Superior optics for long-range targeting



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SPECIFIC USES/FUNCTIONS	TRUSPEED®	TRUSPEED® DC
Measures speed, distance and vehicle direction	Yes	Yes
Includes a real-time clock	No	Yes
Internally stores speed, distance and vehicle direction, as well as time and date	No	Yes
Long-range enhancement (increasing range up to 1200 m)	Yes (Optional)	Yes (Optional)
Anti-Jam firmware	Yes (Optional)	Yes (Optional)
Affordability	\$	\$ +

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MORE ABOUT THE TRUSPEED® DC

This is not just a speed enforcement laser; it is a complete asset management tool. Every time you pull the trigger to measure the speed of a vehicle, the internal data collection (dc) firmware automatically captures and records: the speed, approaching or departing indication, distance to vehicle, time (using a real-time clock), date and the laser's serial number.

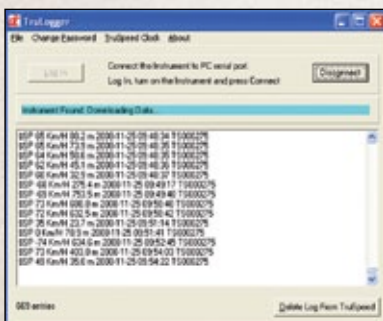
There is always a need for accountability of everyone's time and activities in the field, so now supervisors can easily review the usage rate of each laser every time it is deployed. All the collected traffic data can also be leveraged when addressing the public or making recommendations to government officials regarding highway infrastructure issues and budget requests.

Record up to 6,000 speed records at one time and instantly download your data into a PC using TruLogger software. This interface allows you to review and archive all the collected field data as well as clear out the TruSpeed's internal memory. This is all password protected, which gives limited access to personnel and ensures data integrity.

The TruSpeed dc is a unique speed laser that effectively combines a real-time clock, internal memory and LTI's courtroom reliability—all in a lightweight, ergonomic-friendly design at a price point almost any department can afford.

TRULOGGER POST-PROCESSING SOFTWARE:

The TruSpeed dc connects to an office PC using an LTI 4-pin to DB9 download cable. The suggested hardware and software components include:



- Operating System: Microsoft Windows® 2000, Microsoft Windows® XP or Microsoft Windows® Vista
- CD-ROM Drive
- Serial Port or USB Port with Serial Adapter

TRUSPEED SERIES SPECIFICATIONS

Weight:	1 kg (2.75 lb) with batteries
Size:	20 x 8 x 30 cm (7.75 x 3 x 11.75 in)
Acquisition Time:	0.33 sec
Speed Measurement Range:	± 320 kmh (± 200 mph)
Speed Accuracy:	± 2 kmh (± 1 mph)
Beam Divergence:	2.5 milliradians (nominal)
Laser Wavelength:	904 nanometers (nominal)
Laser Power:	90 microwatts (nominal)
Eye Safety:	Class 1/FDA CFR 21; Europe IEC-60825-1
Temperature Range:	
Operating:	-30° C to +60° C (-22° F to +140° F)
Storage:	-35° C to +70° C (-31° F to +158° F)
Power:	Two alkaline or NiCad rechargeable C-cell batteries providing up to 25 hours of cordless operation.
Environment:	Water-resistant / NEMA 4 / IP 55
Construction:	Composite polycarbonate outer shell; Aluminum internal chassis
Speed Measurement Type:	Continuous and single-shot
Sighting Scope:	1x magnification HUD
Measurement Range:	
Minimum Range:	
Speed Mode:	15 m (50 ft)
Weather Mode:	60 m (200 ft)
Continuous Mode:	15 m (50 ft)
Maximum Range:	610 m (2,000 ft)
Range Accuracy:	± 15 cm (± 6 in)
Speed Resolution:	± 2 kmh (± 1 mph)
Distance Resolution:	0.1 m (± 1 ft)

Note: Specifications may vary depending on type approval and standards for your country.

TRUSPEED DC SPECIFICATIONS

Real-Time Clock Accuracy:	20 parts per million (ppm) over the full operating temperature of -30° C to + 60° C (±10 minutes per year)
Data Storage:	6,000 records stored in internal memory

Note: Oldest record is overwritten when capacity has been reached. Records are encrypted and access is password protected.