

LTI 20/20 TRUCAM® II HANDHELD DAY & NIGHT PHOTO LIDAR

- + High-Resolution Photo and Video at Long Distances
- + Attached Infrared Illuminator for Nighttime Enforcement
- + Wireless Field Printing
- + Most Trusted Brand in the Industry
- + Over 6,000 Units Used in 90 Countries

NEW!



The Ultimate All-in-One Handheld Photo/Video Lidar

LTI's 20/20 TruCAM® II fully synchronizes credible distance and speed measurements with a digital camera to generate indisputable evidence using video tracking and high-resolution images of license plates.

Enforces More Than Just Speed

- Tailgating (Optional)
- Distracted Driving
- Aggressive Driving
- Misuse of HOV lanes
- Seat Belt Violations

New Continuous Auto-Focus Lens

Capture high-definition, crystal-clear images of the license plate over 100 meters away with this newly enhanced, state-of-the-art, custom designed patent pending optical system.



Wi-Fi Field Printer (Optional)

Instantly print violations right in the field without a laptop or have a more streamlined process, from collecting the evidence to issuing a citation.

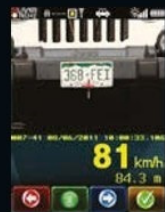


Night-Time Speed Enforcement with Infrared Illuminator

Continue to enforce violations throughout the night by using the side-mounted infrared illuminator.



Infrared illuminator attached directly to LTI 20/20 TruCAM II



SPEED MODE
Collect speed measurements and all pertinent data for oncoming or departing vehicles within dense traffic.



AUTO MODE
Automatically capture images within a fixed distance, such as school and construction zones.



DUAL SPEED MODE
Enforce multiple speed limits within the same highway and distinguish between commercial and private vehicles.

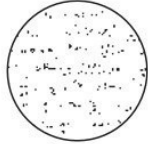
Trust Only the LTI 20/20 TruCAM II

More and more photo lidar products are trying to match the performance of the TruCAM II, but only LTI has a proven track record of producing a high-quality enforcement tool with true integrity and credibility.



Most Widely Used

With over 6,000 units in use today, the TruCAM II is the preferred choice around the world, passing the most stringent global standards.



Courtroom Reliability

Have confidence in a company that has a proven track record of providing technical expert witness testimony in court and setting worldwide judicial precedence.



Tamper-Proof Security

The TruCAM II produces fully AES-128 encrypted data so your department is guaranteed tamper-proof data and a complete chain of evidence.



Accuracy Validation

Our accuracy validation algorithms ensure a legitimate speed reading every time so you can protect the integrity of your evidence.



Go Automatic

Switch to auto mode, mount it to a tripod, aim it toward a specific lane and capture violations without even pulling the trigger.



No Latency Issues

Generate more evidence in less time with a fully synchronized laser and camera that simultaneously collect and match reliable measurements with a usable image every time.



NIGHT MODE
Allows for enforcement at night or within tunnels by using the attached infrared illuminator.



TAILGATING (OPTIONAL)
Measure the speed, traveling time and distance between two vehicles.



REAR PLATE MODE
Measure the speed and maintain a chain of evidence until the rear license plate is captured.

Specifications

(Subject to Change)

TruCAM II with Night-Time Illuminator

Performance	Maximum Recommended Speed Measuring Range	600 m: Day time speed measurement with video tracking and photo 300 m: Speed measurement at night with video tracking and photo 150 m: Day time speed measurement with photo 100 m: Speed measurement at night with photo
	Speed Range	0 to 320 km/h
	Speed Accuracy	+/- 2 km/h up to 1,200 m
	Measurement Time	0.33 sec
	Communication	RS232, serial communications port, Wi-Fi, image data transfer, touch-panel input
	Field Printing	4" Woosim Wi-Fi Printer (Optional)
Power	Battery	For TruCAM: Lithium-ion polymer rechargeable battery pack (Up to 8 hours of cordless operation) For Illuminator: One 18360 rechargeable battery (4+ hours of continuous wireless night-time use)
	Input Voltages	Main Charger: 110V ac to 240V ac Automobile Charger: 11V dc to 16V dc
Physical & Environmental	Construction	Composite polycarbonate outer shell; aluminum internal chassis
	Dimensions (L x W x H)	With Illuminator: 21 L x 14 W x 32 H cm
	Weight	TruCAM: 1.6 kg TruCAM with Illuminator and Rechargeable Batteries: 1.9 kg
	Ratings	IP 55 water- and dust-resistant
	Operating Temperature	-10° to 60° C
Hardware	Removable Storage	SD or SDHC Card (Up to 32 GB) Class 10 speed or higher
	Display	9.4 cm, 480 x 640 pixel, color 24 bits per pixel (bpp)
	Camera Sensor	5 megapixel (2592 x 1944)
	Lens	A custom designed patent pending optical system
	GPS Receiver	22 channels
Firmware	Operating System	Software Operating on a Custom Linux Core
	Video Size	2400 x 1800 (High Definition) or 1200 x 900 (Standard)
	Still Image Sizes	2400 x 1800 (High Definition) or 1200 x 900 (Standard)
	Data Encryption	AES-128, U.S. Federal Information Processing Standards, Advanced Encryption, Standard 128 Bit

