

# 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.

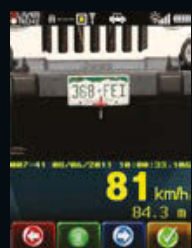


## Night-Time Speed Enforcement with Infrared Illuminator

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.

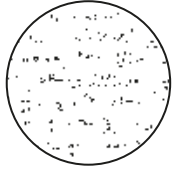
# Trust Only the LTI 20/20 TruCAM II

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

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