LASER TECH

LTI 20/20 TRUVISION™

PHOTO/VIDEO LASER

- High-Resolution Video Tracking and Images
- Easy-to-Learn, Simplified Operation
- Highly Secure and Encrypted Data
- Enforce Day or Night/Mobile
- Wireless Field Printing
- Scalable Integration

TRAFFIC SAFETY

LTI

LTI 20/20 TRUVISION™

LTI is the only manufacturer that has more than 6,000 photo/video lasers being actively used today in over 90 countries. No other laser can match LTI's superior engineering, overall functionality or high level of customer satisfaction and support. Welcome to the next generation of video/photo enforcement: TruVISION.

High-Resolution Photo/Video

- Collect crystal-clear images up to 450 ft away**
- Quickly view license plate details with multiple zooming levels
- AdapTec™ auto adjusts the focus, iris, and shutter speed for you

Large 3.7 Transflective LCD

- Clearly see what you are doing, even under bright sunlight
- Easily learn how to navigate with the color-coded, graphical icons
- Use the touch screen or operate with gloves using color-coded buttons

ULTIMATE VERSATILITY

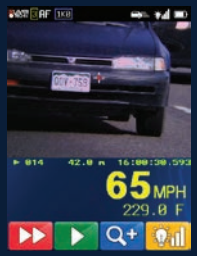
- Record violations sooner with extended video tracking and speed capture range
- Be mobile with handheld use, or tripod-mount unit for automatic capture
- Enforce speeds of motorcycles or vehicles without a front license plate**
- Designed to prevent detection by most laser jammers

Prove more than just speeding:

- Misuse of HOV Lanes
- Following Too Close
- Aggressive Driving
- Obstructing Traffic
- Distracted Driving
- Seat Belt Violations
- Driver Behavior Studies

*Note: Actual application images. TruVISION and ShareView images are not simulated

**License plate styles can affect the readability of license plate numbers at longer ranges



SPEED MODE

Collect measurements and all relevant data for oncoming or departing vehicles in dense traffic*

AUTO MODE

Automatically capture images, such as school and construction zones*

Scalable Integration

- Transmit violation data and image to a wireless printer using LTI's free tPrint app
- Multiple data transfer options: SD card, Wi-Fi, and Ethernet
- High-resolution images are suitable for use with Automatic Number Plate Recognition (ANPR)**
- Integrate with back-office violation systems

Legal Confidence

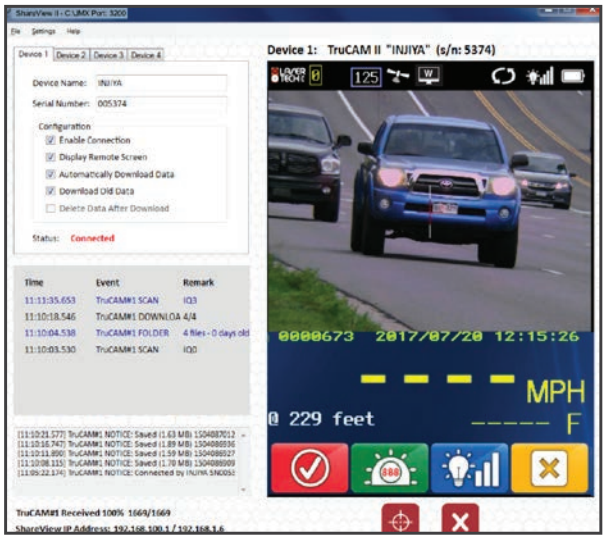
- Ensure true and accurate data by passing confidence tests while in speed mode
- Be confident if ever challenged in court, with the advanced 128-bit tamper-proof data

Nighttime Enforcement (Optional)

- Enforce speeds at night; handheld or tripod mounted
- Toggle on the nighttime filter with a simple press of a button
- Capture higher-quality images with a compact illumination option

REMOTE OPERATION

*

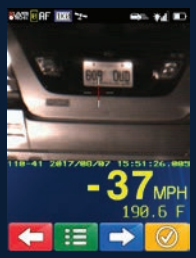


ShareView™

- Operate the TruVISION from inside your patrol vehicle, keeping officer safety in mind
- Transmit a live feed from the laser to a much larger screen for group training exercises
- Automatically transfer files from the laser to the PC

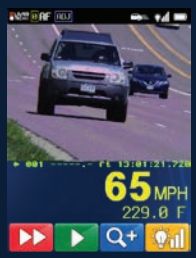
tPrint (for Android™)

- Expand your options for wireless printing from your TruVISION
- Display and print images and speed data with Android-compatible Wi-Fi or Bluetooth printers
- Send images of infractions down the road to an interceptor's device



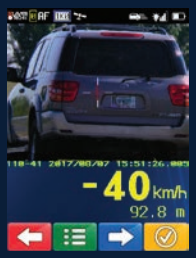
NIGHT MODE

Enforce at night or within tunnels*



DISTANCE BETWEEN CARS MODE

Measure speed, traveling time, and distance between two vehicles*



REAR PLATE MODE

Measure speeds as vehicles approach and track them until the rear license plate is captured**

Specifications

(Subject to change without notice)

		LTI 20/20 TruVISION™
Performance	Maximum Range	4,000 ft
	Minimum Range	Speed Mode: 50 ft; Weather Mode: 200 ft; Auto Mode: 50 ft
	Range Accuracy	± 6 in absolute accuracy
	Display Resolution	Speed: ± 1 mph; Range: 0.1 ft unit of measure
	Speed Range	0 - 200 mph (approaching and departing)
	Speed Accuracy	± 1 mph
	Optimum Camera Operating Range	100 - 490 ft
	Optimum Focus Distance	450 ft
	Measurement Time	0.33 sec
Input / Output	Communications Port	RS232 Serial RS485, nighttime flash signal
	WiFi	IEE 802.11 a / b / g / n
	Ethernet	100M / 1G
	Power	USB 5V DC external
	Input	6 buttons
Power	Battery	7.4V DC, Lithium-ion Polymer rechargeable battery pack, short circuit and overcharge protected, providing up to 8 hours of cordless operation
	Input Voltages	Main Charger: 110V AC to 240V AC; 50/60 Hz input Automobile Charger: 11V DC to 16V DC, cigarette plug connector with 3 Amp fuse
Physical & Environmental	Construction	Composite polycarbonate outer shell; aluminum internal chassis
	Dimensions (L x W x H)	9.1" x 4.6" x 12.6"
	Weight	3.5 lb
	Ratings	NEMA4 / IP55 water and dust-resistant
	Operating Temperature	14° to 140° F, Charging: 32° to 113° F, Storage: -4° to 140° F
Hardware	Capture Data Storage	Removable SD Card: Up to 32 GB
	Display	3.7", 480 x 640 pixel, color 24 bits per pixel (bpp), touch sensitive
	Camera Sensor	5 megapixel (2592 x 1944)
	Lens	Custom lens, auto-focus, auto-iris, auto-shutter speed, auto-day/night filter
	GPS Receiver	22 tracking, 66 acquisition
Software	Operating System	Linux with custom device drivers
	Video and Still Images Sizes	1280 x 960 cropped to focus on the area of interest
	Pre-measurement Video	The amount of video captured prior to speed measurement is 1.2 seconds. The frame rate for this 1.2 seconds and the track storage after the speed measurement are determined by the operator
	Data Encryption	AES-128, U.S. Federal Information Processing Standards, Advanced Encryption, Standard 128-Bit

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