

# HARDWARE

Mobile Unit

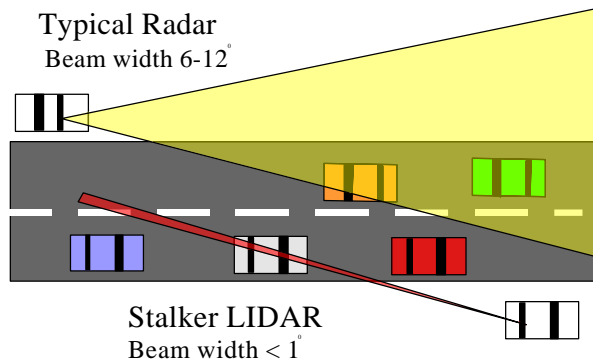
- Applied Concepts "Stalker" LIDAR unit
- High definition video cameras & lenses
- Extra bright back-lit mobile screen
- Rugged mobile computer
- Syquest "SparQ" removable cartridge drive
- All necessary cables and mounting brackets
- Synchronized strobe unit

Base Unit

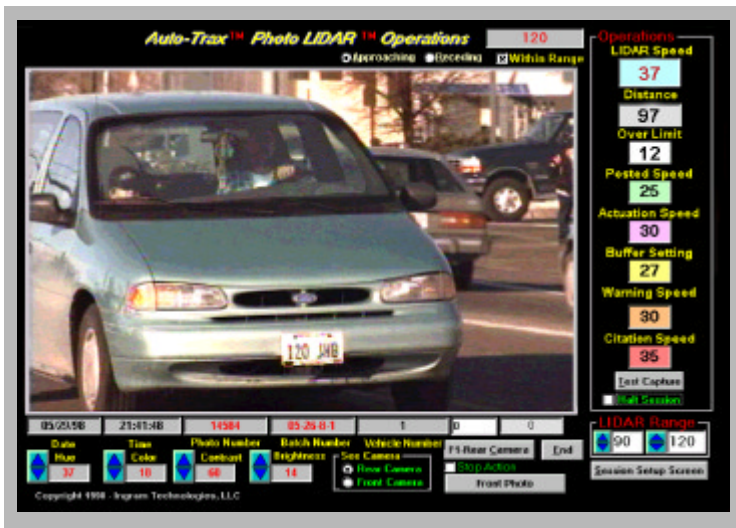
- State of art Pentium computer
- HP Laser Jet Printer
- Syquest "SparQ" removable cartridge drive
- Optional "Bar-code" reader

# What is Photo LIDAR ?

Photo-LIDAR is the new generation replacement for the older Photo-Radar systems. LIDAR uses an IR Pulsed Laser Diode to measure both speed and distance using a less than 1° beam width thus giving an accuracy that cannot be reached by conventional radar units. The overall unit is vehicle mounted in parallel with a high-definition digital video camera and mobile computer system. Captured images are stored as digital files on the computer hard drive (no film is involved.)



# SOFTWARE



## MOBILE

Live video of violator, both approaching and receding.

Video switches from front to rear view automatically at time of violation.

All controls clearly displayed and easily changed to meet the needs of the officer in charge.

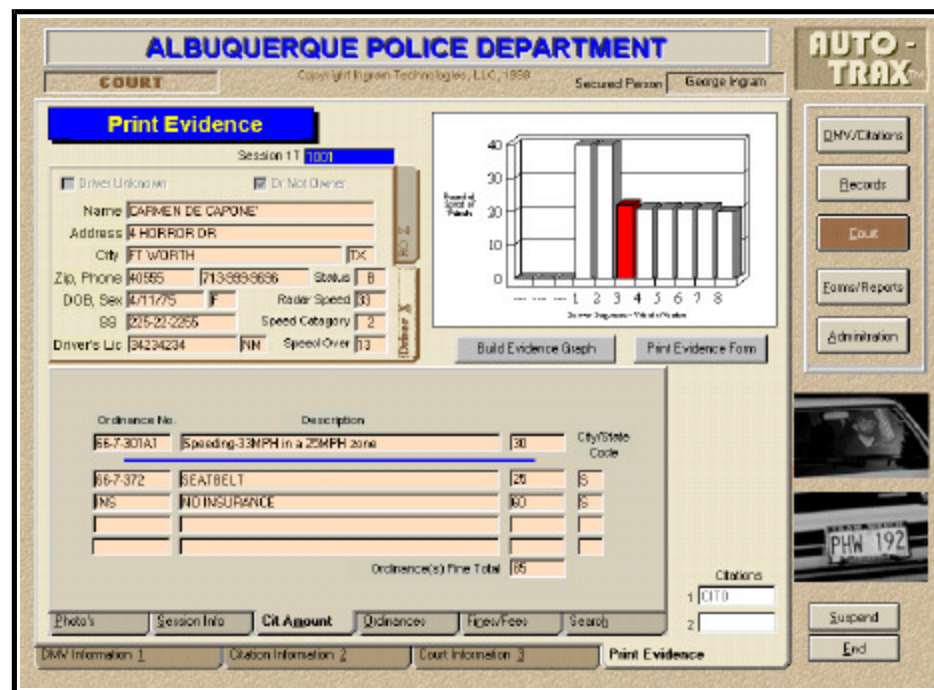
Extra large speed display numerals

## BASE STATION

All screens are designed for easy access, navigation and data input.

Special attention has been paid to color to reduce eye strain on the operators.

Robust set of features to meet the needs of any municipality.



# FEATURES

- Portable - move from vehicle to vehicle
- Can be set up & calibrated in less than 5 min.
- Extremely accurate laser point readings can selectively target and discriminate between individual vehicles (speed, distance & direction)
- Fully digital system (no film or tape)
- "Live video" view of the violation fields at all times (both front and rear)
- Automated violator tracking and citation generation from downloaded files
- Automatic lookup of DMV records if available to agency
- Follows secure rules of evidence collection and integrity
- User friendly software / very short learning curve
- Optional IR package available (Cameras, spotlights, video surveillance recorder)
- System is fully "Y2K" (Year 2000 Compliant)

Auto-Trax™ Photo-LIDAR systems can tag speeders, photograph both front and rear of the car, match plate number to DMV records & produce a complete citation with photo insets ready for mailing to the violator in a matter of minutes.

One Auto-Trax™ Photo-LIDAR setup can accomplish the work of several officers and give the added benefit of reducing the risk taken by the officer on duty. (No direct contact or confrontation with the violator) occurs - thus less risk is involved)

# CAN YOUR ORGANIZATION REALLY AFFORD A PHOTO-LIDAR SYSTEM?

## YES...

### *Lease Options..*

- Initial capital outlay is smaller
- Small monthly payments
- Monthly revenue pays for itself

### *Purchase Option...*

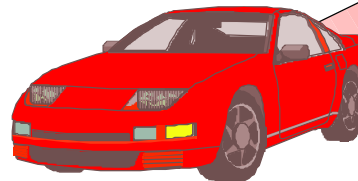
- Immediate ownership
- All revenue goes directly to municipality
- Will pay for itself in less than 3 months

### **Advantages over full service contracts**

- Can be used when/how the department chooses
- Usage by other agencies
  - Traffic surveys
  - Demographic studies
- Greater public acceptance
  - Operated by and for the community
- No minimum hours of operation required (Full service contracts require quotas)

For further information  
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# AUTO-TRAX™

Photo-LIDAR



There is a better way



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