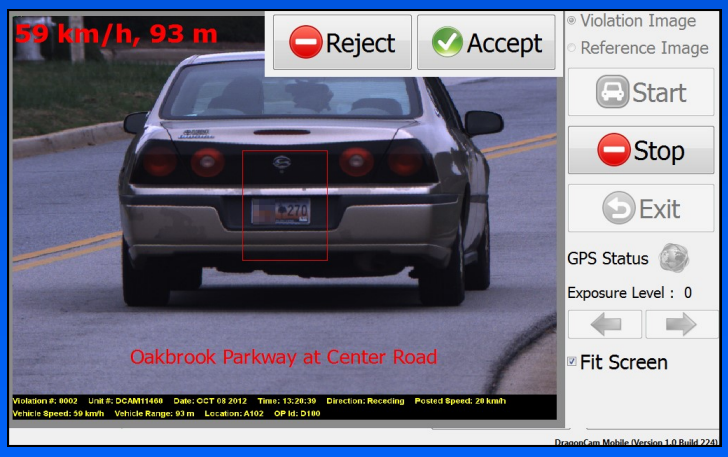
DragonCam

Portable Photo-Laser Speed Enforcement System

The DragonCam system is a full featured, laser based digital imaging enforcement system capable of capturing high resolution images and videos of vehicles violating preset speed limits. The unit consists of DragonEye's IACP certified LIDAR integrated with a high performance camera system and rugged tablet computer. With custom designed high magnification optics, the DragonCam LIDAR can capture identifiable license plates at distances up to 450 feet on typical U.S. style plates and up to 300 meters on European style plates sufficient for expressway enforcement from the safety of overpasses and on-ramps. The compact system allows for handheld, tripod, or in in-vehicle use. Violation images and data are encrypted into a single secure file at the moment of capture. Custom configurations including long range, video tracking and covert IR night operation are all available.



Hand-held, Tripod or Vehicle Operation

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PLEASE NOTE THAT DRAGONCAM UNITS ARE FREQUENTLY CUSTOMIZED FOR EACH JURISDICTION . THE SPECIFICATIONS BELOW SHOULD BE USED AS A GUIDELINE ONLY AND ARE SUBJECT TO CHANGE WITHOUT NOTICE.

Key Features

- High magnification optics for long range image acquisition and plate legibility.
- Safely enforce speed limits from overpasses and on-ramps without disrupting traffic flow.
- High sensitivity camera sensor with low light IR and IR flash options.
- Rugged, weather resistant tablet computer with solid state drive and large ,bright, daylight viewable touch screen.
- Secure officer login.
- All vital violation details included in 64 bit encrypted file:
  - officer ID
  - Time, Date and location with GPS verification
  - actual speed, posted speed, threshold speed and vehicle distance.
  - last calibration record (time/date)
  - Lidar, Camera and overall system serial numbers ALL included in record.
- Multi-image and HD video (up to 1920 x 960) available.
- Full back office processing services available or data can be integrated into your existing enterprise system.

Lidar Camera Specifications

- Size: 7.75" x 6.9" x 10.2" (197mm x 175mm x 260mm)
- IACP Approved LIDAR Device
- Weight: 4.0 lbs (1.82 kg)
- 6000' Max Acquisition Range (1829 m)
- Typical Image Range: 200-984 ft (60-300 m) (depending on number plate type and size)
- 1/3-Second Acquisition Time
- Speed Accuracy: +/- 1 mph (+/- 2 kph)
- Maximum Speed: 200 mph (320 kph)
- Distance Accuracy: +/- 0.5' (0.1 m)
- Distance Resolution: +/- 0.1' (0.1 m)
- Beam Divergence: 2.5 milliradian
- Laser Source: Diode, 905 +/- 10 nanometer
- Eye Safety: FDA CDRH Class 1 (Optional IEC Class 1 or Class 1m)
- Temperature Range: 32° F to +113° F (0-45° C) (camera sensor limitation)
- Durability: Impact Resistant
- Power: 2 C-cells; High Quality Alkaline or NiMH Rechargeable
- Weather Mode
- Advanced Anti-Jamming

Hand-held Computer

- Panasonic Touchpad or similar.
- Shock resistant solid state hard drive stores >20,000 violations
- 7" wide high-resolution, glove compatible touchscreen.
- Hot swappable Li-Ion Battery
- 4G LTE and GPS