

GATSOUSA

DRAGONCAM* Portable Photo-Laser Speed Enforcement System



DRAGONCAM

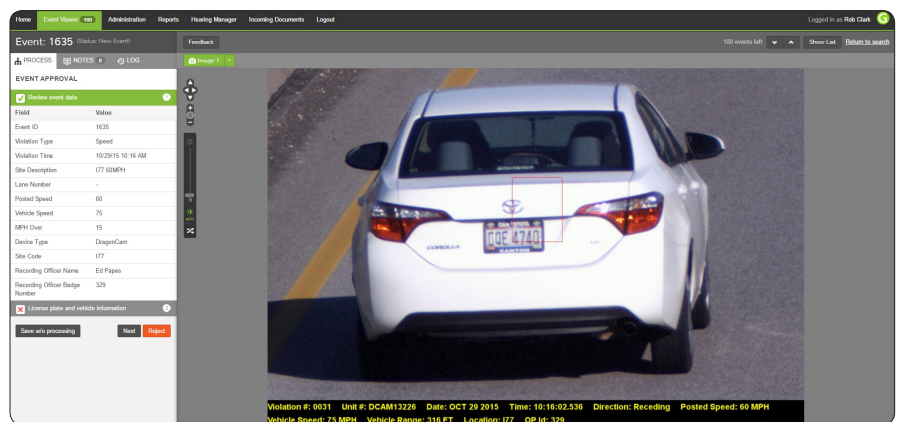
The DragonCam system is an operator-present, full featured, laser-based digital imaging enforcement system capable of capturing high resolution images and video of vehicles violating preset speed limits. The unit consists of DragonEye's IACP-certified LIDAR detection unit integrated with a high performance camera system and rugged tablet computer.

With custom designed high magnification optics, the DragonCam LIDAR system can capture identifiable license plates at distances up to 450 feet, ensuring accurate roadway enforcement from the safety of overpasses and on-ramps. The compact system allows for hand-held, tripod, or in-vehicle use. Violation images and data are encrypted into a single secure file at the moment of capture.



BACKOFFICE INTEGRATION

Secure violation files are uploaded to our XILIUM Back-Office Platform for approval and processing. Ensuring that recorded infraction data and metrics can be presented as evidence requires a purpose-built backend processing solution and proven process flow management. Our solution will store and present all event records; event processing activity and history; notification activity and physical storage of notifications; court submissions, scheduling and dispositions; and scheduled/performed maintenance logs of hardware and program systems.



DragonCam violation photo in XILIUM

*The DragonCam System is manufactured and trademarked by DragonEye Technology, LLC, Norcross, GA

KEY SYSTEM FEATURES

- High magnification optics for long range image acquisition and plate legibility.
- Safe speed limit enforcement from overpasses and on-ramps with no disruption of traffic flow.
- Sony Ex-View HADTM high sensitivity CCD provides extended lower light performance.
- Rugged, IP67 tablet computer with solid state drive and large, bright, daylight-viewable touch screen.
- Secure officer login.
- Multi-image and High Definition video options.
- Critical violation details included in a 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 System serial numbers ALL included in record

LIDAR CAMERA SPECIFICATIONS

- Size: 7.75" x 6.9" x 10.2" (197mm x 175mm x 260mm)
- Listed on IACP Conforming Parts List (CPL)
- Weight: 4.0 lbs (8.8 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

- Intel Ultra Low Power Atom Z530 1.6 GHz processor (w/ US15W Chipset), 2 GB DDR2 RAM
- 64 GB SSD solid state hard drive
- 7" widescreen 1024x600 resolution TFT LCD, Max-View™ sunlight readable resistive touch screen display
- Hot-swappable Dual Li-Polymer Battery Pack, 2600 mAh
- 802.11 b/g/n
- WWAN Gobi™ Ready
- Integrated GPS



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