

DragonEye LidarCam

Digital Photo Laser System

The DragonEye LidarCam System combines our IACP certified LIDAR with a high performance digital Canon camera to capture high resolution images of vehicles exceeding a threshold speed entered in the Lidar's menu. The captured image shows an exact copy of the Head Up Display targeting reticle and vehicle speed as viewed by the operator. With an added date/time stamp, the LidarCam provides a simple and affordable photo laser system, great for providing extra court documentation, training or near range automated enforcement. Images can be downloaded and GPS tagged via WiFi to Android or IOS phones. Wireless, roadside WiFi printing is also available using standard portable printers.

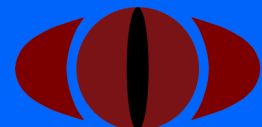


Advanced Electro-Optical Systems

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Key Features

- 12 megapixel color images
- WiFi or USB print ready. Optional Printers available.
- WiFi or USB image download to mobile phone or PC. GPS tagging available with mobile phone.
- Auto focus
- Up to 20x combined optical and digital zoom; default set to 10x zoom.
- Automatically capture images using distance window & speed threshold
- Typical license/number plate legibility 250 feet on US type plate, 150 meters on European style plate
- Optical image stabilization
- Default custom settings mode makes setup fast and repeatable
- Automatic sleep mode conserves LIDAR & camera batteries (ended by a simple click of the LIDAR trigger)
- Can use an optional local or remote flash to enhance night operations (standard Canon interface)
- Plus all of the features of the DragonEye Lidar

Lidar Camera Specifications

- System Weight: 4.0 lbs. (1.82 kg)
- Dimensions (HxLxW): 12.6 x 7.6 x 5.3 inches (320 x 193 x 135 cm)
- IACP Approved LIDAR Device
- 6000' Lidar Max Acquisition Range (1829 m)
- 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
- Lidar Power: 2 C-cells; High Quality Alkaline or NIMH Rechargeable
- Camera Power: Rechargeable Lithium Cell
- Poor Weather and Obstruction Modes
- Advanced Anti-Jamming
- Battery Life (Lidar): Up to 25 Hours of Operation (Alkaline C- cell)
- Environmental: Water Resistant



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