

U.S. DOT Number Reader

perceptics
imaging technology solutions

Automatically Capture U.S. DOT Numbers With Greater Accuracy!

No more data entry, the [Perceptics DOT Number Reader](#) automatically gives officers the commercial vehicle information they need to quickly identify vehicles that pose potential safety hazards. [Perceptics' DOT Number Reader](#) captures a commercial vehicle's DOT, motor carrier, VIN and weight distance numbers with unprecedented accuracy. Automatically check against state and federal transportation databases for expired registrations or previous commercial vehicle infractions.

Benefits & Features of the Perceptics U.S. DOT Number Reader:

- Gives you the DOT, motor carrier, VIN and weight distance numbers so officers have more information to make better decisions
- Has an 80%+ read rate accuracy, the highest accuracy rating in the industry
- Detects and images virtually every vehicle
- Able to locate commercial vehicle data across a wide field of view
- Easily integrates with the [Perceptics License Plate Reader](#) or [Under Vehicle Inspection Systems](#)
- Scalable network architecture allows the system to be used as stand-alone or to be integrated with other security or safety devices
- Optional color scene or driver cameras integrates for a total vehicle transaction



US DOT No: 507972
KYU: 094298
MOTOR CARRIER: 62667
VIN: J326146



DOT Number Reader Concept of Operation

The [DOT Number Reader](#) automatically triggers upon detection of a commercial vehicle, capturing multiple images of the side of the cab to locate and read the DOT, VIN, weight distance and motor carrier numbers. The data displays within the VIS software or other mandated middle ware.

License Plate Reader (LPR) System

The [DOT Number Reader](#) can be easily integrated with [Perceptics' LPR System](#) giving officers the cab displayed data along with the vehicle's license plate data. The VIS software presents a single graphical display of all system images and vehicle data.

Vehicle Inspection System (VIS) Software

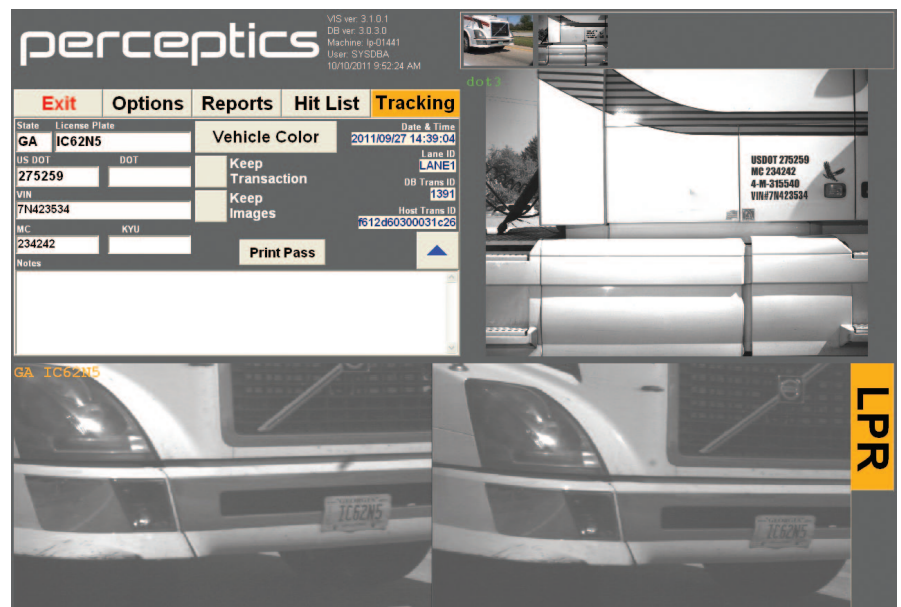
Captured images and vehicle data are displayed within the optional Vehicle Inspection System (VIS) interface where you may easily view and use the zoom, brightness and contrast features. Compare the images with previously stored images using the compare function and user defined search parameters. The images are automatically archived by the database for access at any time.

DOT Number Reader Technology Advancement

Officers can configure components and transfer results and images across the local area network (LAN) via Ethernet communications. As a result, operating speeds have been increased, stand-off distances extended, and on-board diagnostics can provide equipment status information in real time.

A DOT Number Reader Consists of the Following System Components:

- Camera within a single enclosure
- Illuminator
- LED floodlight
- Laser, in-ground loops or through-beam sensor options
- Mounting arms
- Quick disconnect cables
- Optional workstation with VIS software
- Optional License Plate Reader System
- Optional driver or scene cameras



ISO 9001:2008 – Certified Quality
Management System
DOTNR1011 for version control

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