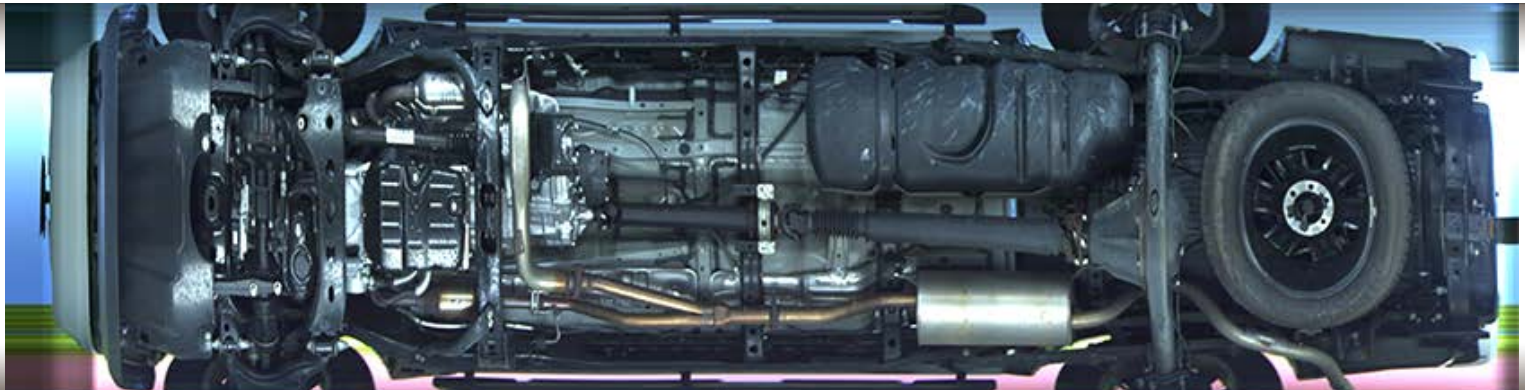


## Advanced Composite Imaging

An array of color HD cameras are strategically placed to allow users to see into areas that are otherwise undetectable by traditional scanning technology.

- Allows users to detect and identify more by exposing areas of the undercarriage that are traditionally missed by scanning-only technology.
- Allows you to see more with a shorter inspection time.
- Provides the user a more realistic interaction/view of the vehicle undercarriage resulting in a more thorough inspection.
- LED lighting automatically illuminates the entire undercarriage accommodating any vehicle's ride height.



### Portability

Complete UVIS packs into two portable Pelican™ cases. Systems can be deployed in minutes.

- Systems can be deployed in rapid/urgent situations by one individual in less than three minutes.
- Deploy in areas where traditional power methods are not available with the vehicle inverter kit.
- Gives security planners increased mission flexibility.
- Setup anytime/anywhere with 21-inch sunlight readable touchscreen monitor.

### Embedded LPR

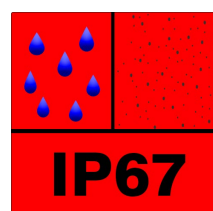
Front and rear LPR cameras are embedded directly into the LowCam system ramp. No additional setup.

- Allows users to conduct automatic side-by-side image comparison of the same vehicle to help identify discrepancies.
- No additional/auxiliary equipment or calibration needed resulting in increased operator mobility.
- Provides direct alignment of front and rear plates.
- Allows users to collect LPR data as well as enable operators to create BOLO lists.

### Searchable Database

Detailed data and records are collected, stored and shared for actionable intelligence.

- Vehicles are collected and stored to provide historical records for comparative analysis.
- Allows operators to screen for changes and anomalies for each visit with increased accuracy and efficiency.
- Create alert lists for blacklist vehicles or VIPs.
- Provide detailed reports of vehicle inspection activity.



# LowCam® VI110 UVIS: A Closer Look

- 1 **Cameras:** Four full-color IP inspection cameras provide multiple angle views to show the entire undercarriage. Each features crystal sapphire lens, auto-exposure control. The system also provides a complete stitched image of the undercarriage using a 1280 HD camera.
- 2 **Inspection Ramp:** Made of aerospace-grade aluminum, the compact ramp—with cameras and lighting—weighs just 65 pounds. Rated to 40,000 pounds (20 tons) per axle, it provides guaranteed protection for the machined, solid aluminum block, IP67-rated camera housings.
- 3 **License Plate Recognition (LPR) cameras:** Two ramp-mounted, Infrared (IR) illuminated cameras provide accurate front and rear automatic license plate images and data.
- 4 **Lighting:** The vehicle's undercarriage is illuminated using 8 high-intensity LED modules. The bright white LED modules are strategically placed in the ramp to expose the undercarriage with the perfect amount of light needed to prevent dark spots as well as overexposure.



- 5 **Monitor:** 21-inch sunlight readable touchscreen full-color monitor delivers 1920 X 1080 resolution. Corresponding keyboard and mouse are included to complete the workstation.
- 6 **Control Unit:** CPU features an Intel i7 quad core processor, 8GB DDR3 memory to support real-time, high-resolution video. The 2TB hard drive provides instant access to vehicle image records, indexed and searchable by license plate number.
- 7 **Rapid Deployment:** The LowCam VI110 is integrated into two, wheeled Pelican™ cases for convenient storage and easy transport. Shielded, multi-conductor, weather resistant, twisted pair with mil-spec connectors provide secure transmission and 100 feet of standoff distance.

NOTABLE INFORMATION	
Weight/Dimensions:	Inspection Ramp: 65 lb; 23 in x 33 in x 2.75 in (58.4 cm x 84 cm x 7 cm) Ramp in Pelican case: 100 lb; 24 in x 34 in x 12.50 in (61 cm x 86.4 cm x 31.75 cm) Control Unit in Pelican case: 62.5 lb; 22 in x 17 in x 11 in (55.88 cm x 43.18 cm x 28 cm)
Temperature exposure:	Control Unit: 32° F to 104° F (0° C to 40° C) Camera Unit: -30° F to 140° F (-34° C to 60° C) (up to 80° C available)
Environmental Ratings:	IP67 rating and supports vehicle loads up to 40,000 pounds per axle.
Complete Kit:	LowCam VI110 ramp, LowCam VI110 control unit with LowCam software, two wheeled Pelican cases, 100 feet of cable, and cable protectors.
Available Options:	Automated License Plate Recognition, Foreign Object Detection, surface mounting kit, extension cable, power inverter kit, vehicle record archive system, scene cameras, on-site training.
Technical Support:	24 hours a day / 7 days a week technical support by an experienced and knowledgeable support staff who are ready to assist with deployments and/or troubleshooting.
LowCam VI110 warranty:	One year manufacturer's defect warranty included.
Advanced Detection Technology, LLC	www.AdvancedDetection.com + (1) 704-663-1949

