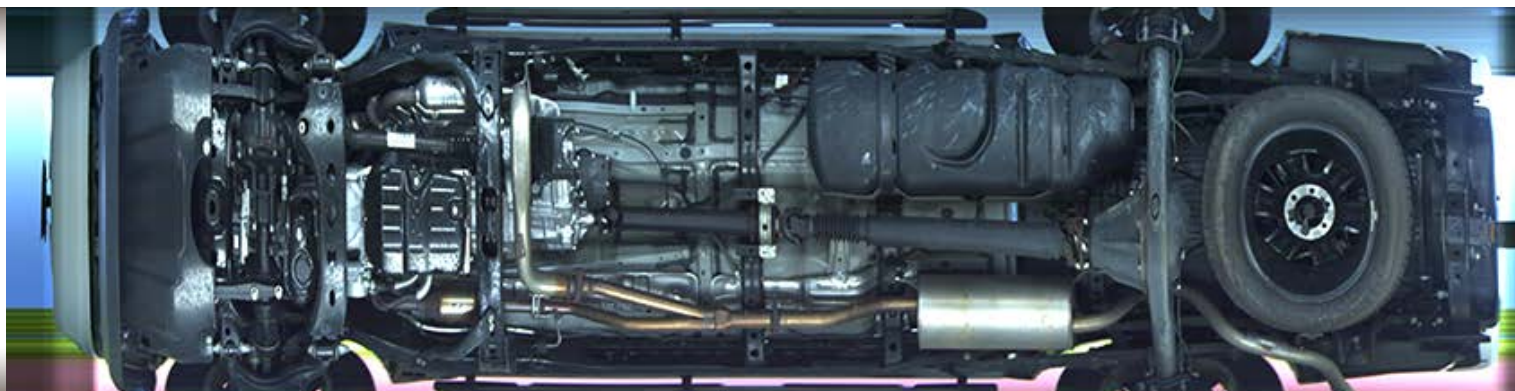


Advanced Composite Imaging

An array of color HD cameras 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.
- Intelligent LED lighting illuminates the entire undercarriage accommodating any vehicle's ride height.



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 black list vehicles or VIPs.
- Provide detailed reports of vehicle inspection activity.

Intelligent Sensors

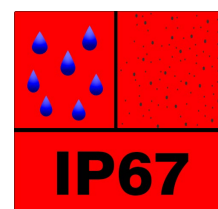
Intelligent sensors detect and pinpoint magnetic field anomalies as well as vehicle speed and height.

- Allows the system to detect and identify magnetic fields that human eyes cannot see.
- Provides a tool to see an additional signaling layer.
- Permits faster inspection by highlighting areas of interest.
- Sensing vehicle speed and height provides better image, readings and quality.
- Accommodates any vehicle size without settings adjustments.

Automatic LPR

Front and rear LPR cameras are integrated directly into the LowCam VI150.

- Allows users to conduct automatic side-by-side image comparison of the same vehicle to help identify discrepancies.
- Allows users to collect LPR data as well as enable operators to create BOLO lists.
- Captures both front and rear license plate images, as well as auto-digitizes alpha numeric data.



LowCam VI150 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 and integrated LED lighting. The system also provides a complete stitched image of the undercarriage using a 1280HD camera.
- 2 In-Ground Housing:** High-strength, aerospace-grade aluminum housing is compact and installs flush to the road's surface with minimal excavation while still supporting 40,000 pounds of axle pressure. All cameras and electronics are weather-sealed in submergence-tested aluminum block with IP67 rating.
- 3 Lighting:** The vehicle's undercarriage is illuminated using 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.
- 4 Sensors:** Intelligent sensors use a unique technology based on LED illumination to detect a vehicle's presence and height in addition to determining the speed and direction a vehicle is traveling. Enclosed in a weatherproof housing with a sapphire glass window, these sensors are built for durability.
- 5 Monitor:** 21 inch Sunlight Readable Touchscreen full-color monitor delivers 1920 X 1080 resolution, 3000:1 contrast ratio. Corresponding keyboard and mouse are included to complete the workstation.
- 6 Control Unit:** CPU features an Intel i7 quad core processor, 3.2 Ghz and 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 Roadside Components:** Roadside electronics enclosure includes 90-240VAC power input, 110/220V GFCI power supply, IO Relay, and Network Switch mounted on a 7 in x 12 in backing plate with DIN Rail compliant components. Cat 6 communication cable is available up to 300 foot. Waterproof, shielded, multi-conductor connection cable provides safe standoff distance.



NOTABLE INFORMATION	
Trench Dimensions:	81 in x 11 in x 10 in (206 cm x 28 cm x 25.4 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) Roadside Enclosure: -4° F to 158° F (-20° C to 70° C)
Environmental Ratings:	IP67 rating and supports vehicle loads up to 40,000 pounds per axle.
Complete Kit:	LowCam VI150 ramp and trench, VI150 control unit with software, monitor, keyboard and mouse, communication and connection cables, and roadside enclosure.
Available Options:	Automated License Plate Recognition, Foreign Object Detection, Compressed Air Dust/Debris Removal, System Heating.
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 VI150 warranty:	One year manufacturer's defect warranty included.
Advanced Detection Technology, LLC	www.advanced-detection.com + (1) 704-663-1949

