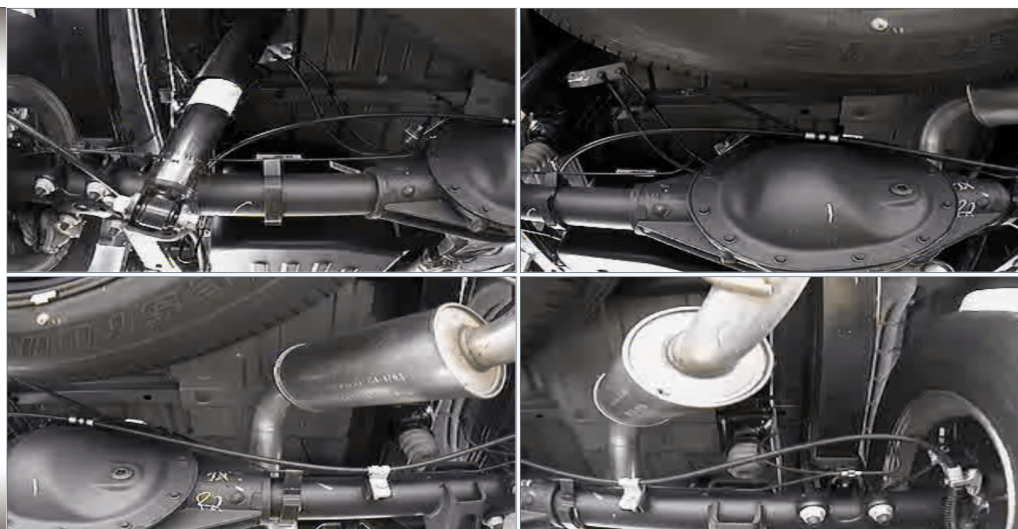


Quad View Imaging

Real-time quad-frame display presents views from four different angles showing the undercarriage from side-to-side, bumper-to-bumper.

- Overlapping field of view shows the entire undercarriage.
- 72 bright white LED lights provides opportunity for inspections day or night.
- Easy-to-use on-screen controls allow the operator to pause, rewind, zoom, and adjust playback speed.



Automatic LPR

Automatic license plate entry enables vehicle tracking and can help identify known threats.

- Operators can conduct side-by-side image comparison of the same vehicle to help identify discrepancies.
- Collect license plate data to enable operators to create BOLO lists.

Easy Installation/Setup

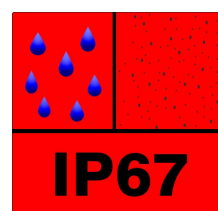
Installation and setup are quick and easy for faster deployment.

- Minimal excavation due to the slim design and low profile.
- Inspection ramp mounts flush to the road to accommodate any vehicle height.
- Intuitive operating interface is simple in design and user-friendly with a sunlight readable touchscreen monitor.

Low Cost Solution

A lower cost approach to an all-purpose permanent system.

- No maintenance contracts.
- Military grade and weather resistant.
- Simple preventative maintenance.



LowCam VI104 UVIS: A Closer Look

- 1 Cameras:** Eight full-color motion-activated video cameras are individually sealed inside weatherproof aluminum block enclosures and are IP67-rated for extreme conditions. Cameras feature 700-line resolution and use bright-white LED panels to make day or night inspections possible.
- 2 In-Ground Housing:** The low-profile housing mounts flush to the road and comes with a concrete vault for easy installation. At just 10 inches high, it requires minimal excavation, but supports vehicle loads up to 40,000 pounds per axle.
- 3 Lighting:** The vehicle's undercarriage is illuminated using three weather resistant, LED modules containing 72 bright white lights per module. These modules are strategically placed in the ramp to allow the operator to inspect even the darkest areas of a vehicle's undercarriage.
- 4 Monitor:** 21 inch Sunlight Readable Touchscreen full-color monitor delivers 1920 X 1080 resolution. Corresponding keyboard and mouse are included to complete the workstation.
- 5 Control Unit:** CPU features an Intel i7 quad core processor, 3.2 Ghz and 8GB DDR3 memory to support instantaneous imaging. The 500GB hard drive provides storage for archiving vehicle records.
- 6 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 VI104 ramp and trench, VI104 control unit with software, monitor, keyboard and mouse, communication and connection cables, and roadside enclosure.
Available Options:	Automatic License Plate Recognition, 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 VI104 warranty:	One year manufacturer's defect warranty included.
Advanced Detection Technology, LLC	www.advanced-detection.com + (1) 704-663-1949

