

# LowCam™ VI150

## Inground Under Vehicle Inspection

*The most high-tech under vehicle inspection.*

The LowCam™ VI150 Inground Under Vehicle Inspection System (UVIS) offers security officials a thorough inspection using a single under carriage image. The LowCam™ VI150 is constructed of the highest quality, aerospace aluminum that can withstand up to 100,000lbs. The housing encases high resolution full color video cameras and uses high-intensity, white LED lighting to guarantee impeccable 24/7 operation. The LowCam™ VI150 offers an unmatched variety of inspection modes including live view, single undercarriage image view and preview of vehicles' previous inspection by License Plate Number.

Unlike the competition, the LowCam™ VI150 UVIS is a full PC-based system that utilizes Advanced Detection Technology's own LowCam™ software. The software provides a single image displayed on a 19 inch monitor to allow for quick and easy inspections. Security personnel can review, scan, and zoom in on areas of interest in either the single undercarriage image or the live playback mode. This feature offers a true representation of the undercarriage as opposed to the traditional "line scan" system's flattened 2D distorted images.

The LowCam™ VI150 uses manual or automatic license plate recognition to archive each vehicle's recorded inspection. The license plate information is recalled to conduct side-by-side comparisons to aid the operator in locating any discrepancies in the vehicle's undercarriage upon future visits. Information collected can be used to run reports for analysis. The LowCam™ Database is researchable by time/date stamp, license plate number, and provides the ability to log driver and vehicle information. All activity can be archived on an external hard drive for use in training, record keeping, or prosecutions.



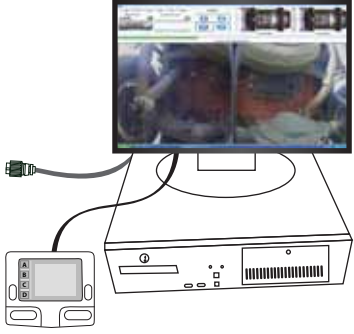

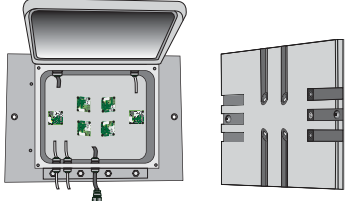
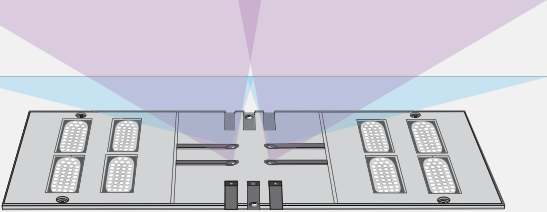
- >> *Bi-directional Capabilities*
- >> *Road-Plate Mounted LPR Cameras*
- >> *Minimal Excavation*



- >> *Communicate with Grasp™*
- >> *Comparative Capabilities*
- >> *Inspect Vehicles up to 10mph*



# LowCam™ VI150 Specifications

MONITOR	19 in. Screen Opening (WxH) 14.9 x 12.0 in (38.0 x 30.5 cm) Type: Active matrix, thin film transistor (TFT) 21 in. & 27 in. Monitor Upgrades—Touchscreen Optional			
CONTROL UNIT	CPU Pentium Dual Core E5300—2.6 Ghz—250 GB Hard Drive 2 MB Cache—800Mhz Fsb—2GB Ddr2 Memory—667 Mhz Integrated Graphics Card—400w Power Supply—4 Cooling Fans with Integrated Easy Access Air Filter—17 x 15 x 5 inches (43.2 x 38.1 x 12.7 cm)			
TOUCHPAD	Device area: 4.0 x 4.4 x 0.4 inches—Touch Area: 3 x 2 inches 6-foot Cable—4 Mechanical Buttons—2 Tap Zones			
CABLE	22 ga Twisted Pair Shielded Cable—Up to 1000' or Wireless/Fiber Options			
CONNECTORS	Mil Spec Connectors—1 ¼ inch Diameter (conduit 2 inch dia. min.)			
CAMERA HOUSINGS	Environmentally Sealed, Solid Aerospace Grade 6061-T6 Aluminum Housing with Crystal Sapphire Lenses and Easy Access Weather Tight Access Panel			
AIR DEBRIS REMOVAL	Integrated Air Valves Deliver High Pressure Air To Clear Debris And Moisture From Camera Lenses (Optional Accessory)			
LIGHTING	Bright White D/N Motion Activated LED Panels Rated MTBF of 100,000 hours			
CAMERAS	4 High Resolution Color Cameras—2 IR Cameras for ALPR—525 Line Resolution—3.6mm Lens (Low Cameras) 6mm Lens (High Cameras) Fixed Lens for Optimal Field of View—.01 Lux Sharp Chip Set			
High Cameras 24 - 48 in Vehicle Clearances			<i>Cameras Automatically Record the Complete Undercarriage of Commercial and Passenger Vehicles Providing a Single Image of the Undercarriage with Zoom Capabilities to View the Raw Undistorted Video Footage</i>	
Low Cameras 0- 24 in Vehicle Clearances				
TEMPERATURE	14° F to 122° F (-10° C to +50° C) CPU / -30° F to 176° F (-34° C to 80° C) Camera Unit— Heating and Cooling Elements Optional			
WEIGHT	Can Withstand up to 50,000 lbs. Per Axle			
SOFTWARE	Single Image Inspection Format—Displays Complete Undercarriage—Motion Detect Auto Start/Stop Record- Vehicle Queuing System—Automatic License Plate Recognition—Side by Side Comparison to Previous Visit— zoom, adjust playback speed, step forward, step back to conduct inspection—Day/Night Operation—Bi Directional—Inspect Vehicle Travelling Up to 10mph / 16kph—"Alert" and "Approved" vehicles—On Screen Alerts—Detailed Researchable Database—Stores up to 15,000+ vehicle records with Corresponding Scene Camera footage for future inspection, litigation, insurance, or due diligence—Server Connection to Network Several Gates Optional			
TRAINING	Operational and Hardware training manuals available on-screen at all times—On site Training Available			
WARRANTY	One-Year Manufacturer's Warranty included with all LowCam™ systems—Extended Warranty Available			
ACCESSORIES	Integrated ALPR Driver Image Capture Scene Capture up to 4 Cameras Facial Recognition Cameras Heater or Cooling Element Air Debris Removal System Auto Archive 2TB External Drive Field Repair Kit	21 or 27in Monitor Upgrade FastGate™ Complete Grasp HandHeld Touchscreen Monitor Increased Storage Capacity Custom Cables Length/Segments Gate—Wedge—Bollard Controls RFID—Barcode—Smart Card	Finger Print Reader Integration Server Network (Multi Gate) Monitor Feed to Command View	