

LowCam™ VI104

Fixed, In-Ground Under Vehicle Inspection

Great for areas that experience harsh weather.

The LowCam™ VI104 Under Vehicle Inspection System is a permanent under vehicle inspection system. The system lies flush to the road and is ideal in adverse weather conditions such as heavy rainfall, strong winds and dusty environments. An optional state-of-the-art air knife debris removal system removes moisture and unwanted litter to assure a clear view.

The LowCam™ VI104 offers a slim, in-ground design without forfeiting quality, detailed images of the entire vehicle's undercarriage. Using high-intensity LEDs, on-screen images can be captured and recorded in low or no-light settings and in all weather conditions. The system is equipped with eight day/night cameras, four optimized for both high and low vehicles. The LowCam™ VI104 produces clear, detailed, on-screen images that aid in the detection of foreign objects or vehicle modifications.

Unlike the competition, the LowCam™ VI104 under vehicle inspection is a full PC-based system that operates using Advanced Detection Technology's own LowCam™ software. The software provides quad or linear images displayed on a 19inch computer monitor for quick and easy inspections. Security personnel can review, scan, and zoom in on areas of interest using a standard touch pad. Inspections are conducted in a remote, stand-off location therefore dramatically increasing the safety of personnel.





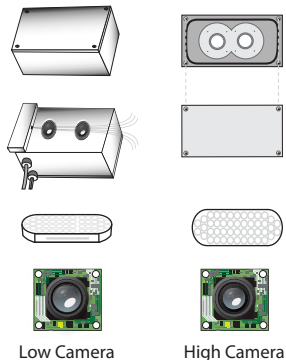
- >> **Fixed, In-Ground UVIS**
- >> **Optional Air-Debris Removal**
- >> **Inspect Vehicles up to 10mph**



- >> **Remote, Stand-off Inspections**
- >> **Day/Night Operation**
- >> **Fast, Reliable Inspections**

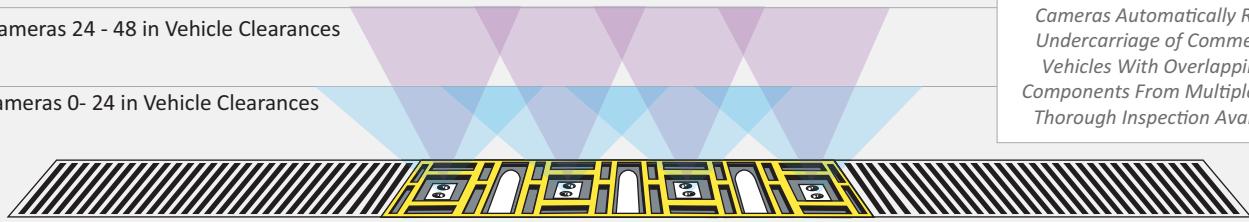


LowCam™ VI104 Specifications

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	Four, Environmentally Sealed, Solid Aerospace Grade 6061-T6 Aluminum Blocks with Camera Mounts and Crystal Sapphire Lenses	 <p>Low Camera High Camera</p>
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	8 High Resolution Color Cameras— 525 Line Resolution—3.6mm Lens (Passenger Vehicles) 6mm Lens (Commercial Vehicles) Fixed Lens for Optimal Field of View—.01 Lux Sharp Chip Set	


High Cameras 24 - 48 in Vehicle Clearances

Low Cameras 0- 24 in Vehicle Clearances



Cameras Automatically Record the Complete Undercarriage of Commercial and Passenger Vehicles With Overlapping Views Capturing Components From Multiple Angles For the Most Thorough Inspection Available on the Market

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 Axel		
SOFTWARE	Quad View Inspection Format—Inspect Components from Multiple Angles—Motion Detect Auto Start/Stop Record—Vehicle Queuing System—pause, rewind, zoom, adjust playback speed, and fast-forward, step forward, step back to conduct inspection—Day/Night Operation—Bi Directional—Inspect Vehicle Travelling Up to 10mph / 16kph—Manual License Plate Entry Standard Integrated ALPR Optional—“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.		

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) Snow Plow Kit Monitor Feed to Command View Camera Module Hot Swap (L & R)	
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