

LowCam™ VI110

Single Image Under Vehicle Inspection

The most high-tech under vehicle inspection.

The LowCam™ VI110 Under Vehicle Inspection System (UVIS) offers security officials a thorough inspection using a single under carriage image. The LowCam™ VI110 is constructed of the highest quality, aerospace aluminum that can withstand up to 70,000lbs. The unit is designed to fit both portable and fixed applications. The housing encases high resolution video cameras that use high-intensity, white LED lighting to guarantee impeccable 24/7 operation. Inspections of bi-directional traffic can be conducted in a stand-off location therefore dramatically increasing the safety of personnel.

Unlike the competition, the LowCam™ VI110 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 19inch monitor to allow for quick and easy inspections. Security personnel can review, scan, and zoom in on areas of interest. The LowCam™ VI110 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 synchronized with Advanced Detection Technology's FastGate™ Grasp using a relational database.

When used as a portable UVIS, the Lowcam™ VI110 can be fully assembled in under 3 minutes! The ramps, PC, and monitor neatly pack into two Pelican™ cases for easy transport making the LowCam™ VI110 the most technologically advanced under vehicle inspection system.



- >> **Single Image UVIS**
- >> **Incorporates LPR with UVIS**
- >> **Under 3 minute set-up!**



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

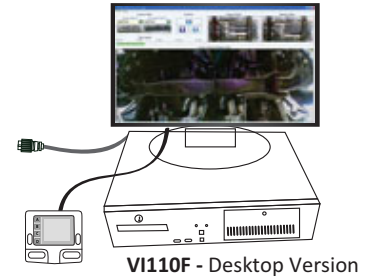
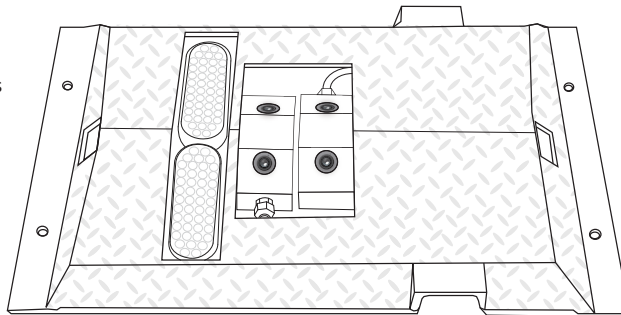


LowCam™ VI110 Specifications

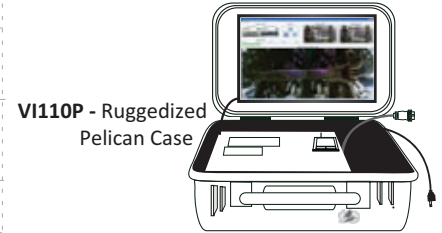
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| MONITOR | 19 in Screen Opening (W x H) 14.9 x 12.0 in. (38.0 x 30.5 cm) Type: Active matrix, TFT, Resolution: 400x 900, Contrast: 800:1 Viewing Angle: 160° Power: 40W, 90-240VAC 21 in. & 27 in. Monitor Upgrades—Touchscreen Optional |
| CONTROL UNIT | CPU Intel i5 Quad Core Processor—250 GB Hard Drive, 2Gb DDR2 Memory, Power: 800W, 90-240VAC—4 Cooling Fans with Integrated Easy Access Air Filter—Portable Unit Shock Mounted in Sealed Pelican™ Case with Transport Rollers |
| TOUCHPAD | Device area: 4.0 x 4.4 x 0.4 in.—Touch Area: 3 x 2 in. 6 ft Cable—4 Mechanical Buttons—2 Tap Zones |
| CABLE | 22 ga Twisted Pair Shielded Cable—50 ft Standard Length—Extensions up to 1000 ft Available—48 in. Urethane Cable Protector Standard |
| CONNECTORS | Mil Spec Connectors—1 ¼ in. Diameter (conduit 2 in. dia. min.) |
| CAMERA RAMP | High Strength Aircraft Aluminum Grade 6061-T6 Housing — Camera Mounts and Crystal Sapphire Lenses Dimensions: 27 in. L x 16 ¾ in. W x 2 ½” in. H |
| LIGHTING | 48 Bright White D/N Motion Activated 12VDC LED Rated MTBF of 100,000 hrs |
| CAMERAS | High: 2 Color CCD Resolution: 525 lines—Shutter: 1/50-1/100,000s ec—1 Lux Combined Angle View: 170° — Auto Exposure Control—Integrated Lighting Low: 2 Color CCD Resolution: 525 lines—Shutter: 1/50-1/100,000 sec—1 Lux Combined Angle View: 130° —Auto Exposure Control—Integrated Lighting LPR: 2 Color CCD Resolution: 525 Lines—Shutter: 1/50-1/100,000 sec—Integral IR LED Lighting—Viewing Angel: 40° |

High Cameras: 24 - 48 in. Vehicle Clearances

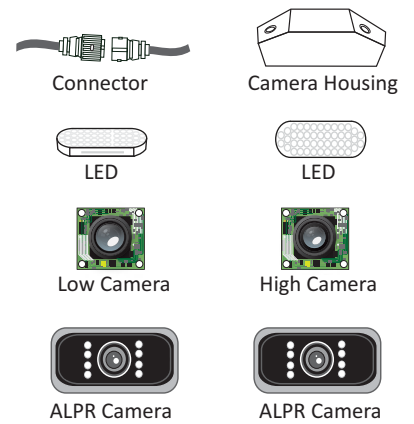
Low Cameras: 0- 24 in. Vehicle Clearances



VI110F - Desktop Version



VI110P - Ruggedized Pelican Case



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 Control Unit: 14° F to 122° F (-10° C to +50° C) Camera Unit: -30° F to 140° F (-34° C to 60° C)

WEIGHT 23 lbs—Can Withstand up to 70,000 lbs Per Axel

SOFTWARE Single Image Presentation of Vehicle for Inspection and Reference—Previous Inspection Record Provided for Comparison—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 Traveling Up to 10mph / 16kph—Manual License Plate Entry Standard—“Alert” and “Approved” vehicles—On Screen Alerts—Detailed Researchable Database—Stores up to 60,000+ Vehicle Records Options for Up to 4 Scene Cameras to Record Other Views for Future Inspection, Litigation, Insurance, or Due Diligence

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.

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| ACCESSORIES | 21 in. or 27 in. Monitor Touch Screen Monitor Increased Storage Capacity Auto Archive 2Tb External Drive Canvas Rain/Sun Cover Through Wall Connector | Field Repair Kit Road Bolt Down Kit Custom Cable Lengths/Segments Scene Cameras (up to 4) Facial Recognition Cameras FastGate™ Grasp Handheld | Gate—Wedge—Bollard Controls RFID—Barcode—Smart Card Finger Print Reader Integration Server Network (Multi Gate) Monitor Feed to Command View |
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