

LowCam™ VI108

Portable Under Vehicle Inspection

Truly portable under vehicle inspection!

The LowCam™ VI108 Portable Under Vehicle Inspection System (UVIS) has been designed for areas that experience high volumes of traffic maneuvering on rough surface conditions. The LowCam™ VI108 is constructed of the highest quality, welded, corrosion resistant, aerospace aluminum that can withstand up to 50,000lbs. The housing resembles a small, yellow, speed bump that encases eight high-intensity, white LED, day/night cameras, four cameras optimized for each high and low vehicles.

Inspections can be conducted in a distant location therefore dramatically increasing the safety of personnel. Unlike the competition, the LowCam™ VI108 UVIS is a full PC-based system that utilizes Advanced Detection Technology's own LowCam™ software. The software functions with a standard touch pad that allows the user to view a vehicle's under carriage on a 19inch color monitor in either quad or linear formats. Passing vehicles are automatically recorded using an auto start/stop feature and the inspection footage is stored using license plate information and/or images accessible by an on-screen queuing sequence. Once selected from the queue, the inspector can use viewing speed, pause, playback, and zoom options to inspect vehicles.

The LowCam™ can be fully assembled in 3 minutes! The ramps, PC, and monitor neatly pack into two Pelican™ cases for easy transport making the LowCam™ VI108 the truly portable solution to under vehicle inspection.



- >> **Portable or fixed UVIS**
- >> **Installs in 3 minutes!**
- >> **Inspect moving vehicles up to 10mph**

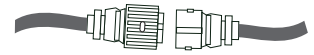
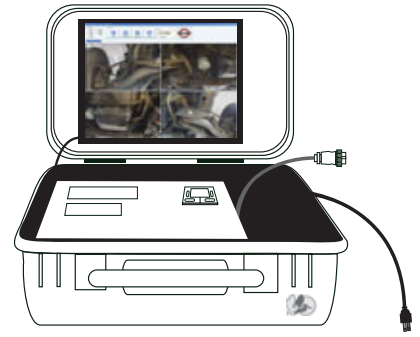


- >> **Remote, stand-off inspections**
- >> **License Plate Recognition Option**
- >> **Live viewing, quad or linear formats**



LowCam™ VI108 Specifications

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: 400 x 900, Contrast 800:1 Power: 40W, 90-240VAC 21 in. & 27 in. Monitor Upgrades—Touchscreen Optional
CONTROL UNIT	CPU Intel i5 Multi Core—3.0Ghz, 6Mb Cache, 250Gb Rugged Hard Drive, 2Gb DDR2 Memory, Graphics Card 512Mb Power: 800W, 90-240VAC—4 Cooling Fans with Integrated Easy Access Air Filter—17 x 15 x 5 in. (43.2 x 38.1 x 12.7cm) Portable Units 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	22ga Twisted Pair Shielded Cable—50 ft Standard Length—Extensions Available up to 1000 ft—48" Urethane Cable Protector Standard
CONNECTORS	Mil Spec Connectors—1 ¼ in. Diameter (conduit 2 in. dia. min.)
CAMERA RAMP	Aerospace Grade 6061-T6 Welded Aluminum Housing— 46" W x 13" D x 3" H—Folds to 23" W x 13" D x 6" H for Storage
LIGHTING	18 Integral White D/N LEDs in each Camera, IP66 Sealed Housing—Motion Activated— Rated MTBF of 100,000 hrs
CAMERAS	8 Environmentally Sealed, High Resolution Color—525 Line Resolution NTSC Format—Auto Exposure Control High: 53° Viewing Angle Low: 92° Viewing Angle



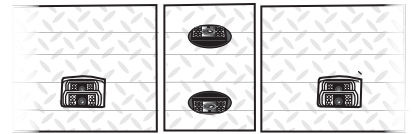
Low Camera



High Camera

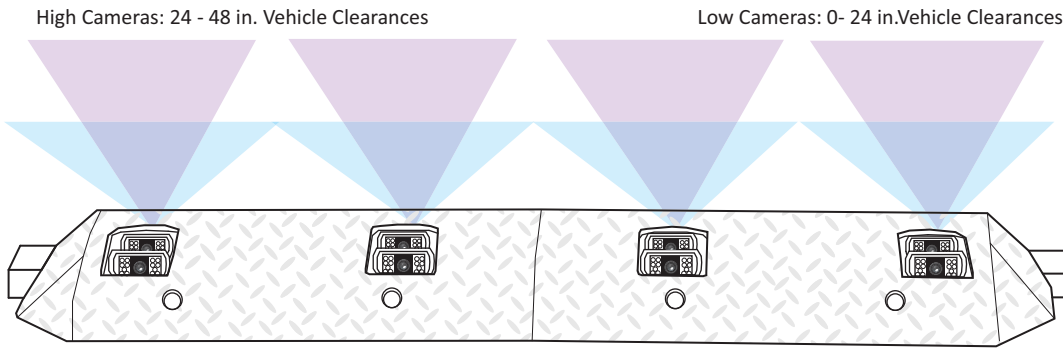
ALPR Camera Module

Front ALPR Camera



Rear ALPR Camera

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 45 lbs—Can Withstand up to 50,000 lbs Per Axle

SOFTWARE Quad View Inspection Format—Inspect Components from Multiple Angles—Motion Detect Auto Start/Stop Record—Presentation of Vehicle for Inspection and Reference—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 5mph / 8kph—Manual License Plate Entry Standard, Integrated ALPR Optional—“Alert” and “Approved” Vehicles On Screen Alerts—Detailed Researchable Database Stores up to 60,000+ Vehicle Records with Optional Scene Camera Footage to Record Other Views 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 Front & Rear ALPR Increased Storage Capacity Canvas Rain/Sun Cover Auto Archive 2TB External Drive Field Repair Kit Road Bolt Down Kit 21in. or 27in. Monitor Touchscreen Monitor	LowCam™ Auto Archive Software Custom Through Wall Connector Custom Cable Lengths/Segments FastGate™ Grasp HandHeld Scene Cameras (up to 4) Facial Recognition Cameras Gate—Wedge—Bollard Controls RFID—Barcode—Smart Card	Finger Print Reader Integration Server Network (Multi Gate) Monitor Feed to Command View

