

# LowCam™ VI54

## Portable Under Vehicle Inspection

***Low cost, super portable under vehicle inspection!***

The LowCam™ VI54 is the super low-cost model of the modern under vehicle inspection system (UVIS). The LowCam™ VI54 is the smallest, most cost-effective solution ever offered on the market and despite the small size of this system, many of the features and functionalities that are currently found in the larger UVIS are also available on the LowCam™ VI54.

The aluminum ramp has been designed to easily pack into one, environmentally sealed Pelican™ case or even a backpack for easy transport. The LowCam™ VI54 is made to be straddled by oncoming vehicles, but can withstand up to 50,000lbs if directly impacted. The ramp housing encases two high-intensity, white LED, day/night cameras that fully capture the undercarriage of a passing vehicle, from wheel well to wheel well.

Inspections can be conducted in a distant location therefore dramatically increasing the safety of personnel. Like all LowCam™ models, the VI54 is a full PC-based system that utilizes Advanced Detection Technology's own LowCam™ software. The software features a dual-view inspection that functions with a standard touch pad that allows the user to access playback functions, such as pause, rewind, and fast-forward.

***The LowCam™ VI54 can be fully assembled in under 1 minute!***



- >> **Super low cost**
- >> **Under 1 minute set-up!**
- >> **Portable and lightweight**



- >> **Remote, stand-off inspections**
- >> **Full PC, database capabilities**
- >> **Live viewing, playback controls**



# LowCam™ VI54 Specifications

MONITOR	14 Inch Screen, Active Matrix, TFT, Resolution: 400x 900, Contrast: 800:1 Power: 30W, 12VDC 16 inch Monitor Upgrade— Includes Larger Case
CONTROL UNIT	CPU Atom N270 Processor 1.6 Ghz, 512K Cache, 533 MHz FSB, 1GB DDR2 250 Gb HDD Storage Power Input: 90W, 90-230VAC input, 50-60 Hz Rugged Steel Housing with Filtered Fan Cooling Mounted in Sealed Pelican® Case Power Supply: 110/220 Volt GFCI or 12 Volt DC
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— Extension Cables up to 1000' Available
CONNECTORS	BNC Video — 12VDC Power Jack
CAMERA HOUSINGS	High Strength Aircraft Aluminum Housing Weather Tight Camera and Electronics Weight: 5 lbs. — Can Withstand up to 70,000 lbs Wheel Loads Size: 10 in. W x 13 in. L x 2 ¾ in. H
LIGHTING	18 Bright White D/N Motion Activated 12VDC LED Per Camera
CAMERAS	2 IP66 Sealed Cameras — 130° Viewing Angle Each — Resolution: 525 Lines NTSC — 1/3" Color CCD — Auto Exposure Control



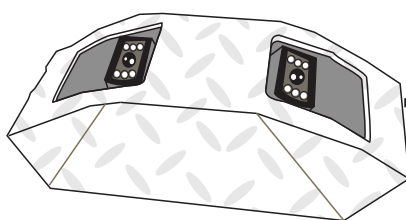
Left Camera



Right Camera

*A Low Cost, Compact and Portable Under Vehicle Inspection System Providing Thorough Inspections of any Size Vehicles in all Weather Conditions. The System Offers Recording And Playback of Under Vehicle Images with Integrated Lighting for Day And Night Operation.*

Inspect Any Size Vehicle



WEIGHT Complete Portable System: 65 lbs Packs into One Pelican® Case

SOFTWARE Dual Image Presentation of Vehicle for Inspection and Reference—Pause, Rewind, Zoom, Adjust Playback Speed, and Fast-forward, Step forward, Step Back to Conduct Inspection—Day/Night Operation—Bidirectional—Inspect Vehicle Traveling Up to 10mph / 16kph—Detailed Searchable Database—Stores up to 200+ Vehicle Records —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

Auto Archive 2TB External Drive	Custom Cable Lengths
Field Repair Kit	Road Bolt Down Kit
16 in Monitor Upgrade	Server Network (Multi Gate)
FastGate™ Grasp Handheld	Monitor Feed to Command View
Touchscreen Monitor	Camera Module Hot Swap
Increased Storage Capacity	

