

# Permanent Under Vehicle Inspection System

## End to End Solutions

CAM-UVIS-01E

### FEATURES

- + Low-profile flush mount with easy installation
- + Motion-activated advanced Intelligent HD Color Cameras
- + Smart LED for day/night operation
- + Inspect Commercial/Passenger Vehicles Up to 30 MPH
- + 40-ton axle capacity
- + Searchable database with 300,000+ images
- + Foreign Object Detection
- + Automated Vehicle Comparison
- + Ruggedized Housing & Lenses
- + Remote Management Capabilities
- + Magnetic Field Detection
- + Debris Removal System
- + Heater and Thermostat
- + LPR Recognition
- + Face Recognition
- + Intelligent Video Analytics



### UNDER VEHICLE PLATFORM SCANNER

Camera	Intelligent Color Progressive Line Rapid-Scan CCD Imaging
Resolution	10MP (5000 x 2048 pixels)
Coverage	Full front-to-back (passenger or commercial)
Lighting	(4) 100W equivalent Smart LED
LED Light MTBF	100,000 hours
Load rating	40 ton per axle
Ingress Protection	IP67
Operating Temperature	-30°F to 140°F (-34.5°C to 60°C)
Operating Humidity	≤ 95% non-condensing
Dimensions	43.25" (W) x 11" (D) x 8" (H) 100cm (W) x 28cm (D) x 20.4cm (H)
Weight	350lb (158kg)
Finish	Stainless Steel

### MONITORING CAMERA (LPR)

Resolution	2MP (1920 x 1080 pixels)
Minimum Illumination	0.002 Lux@F1.2 (color) 0.0002 Lux@F1.2 (B/W)
Day Night Type	IR cut filter with auto switch
Lens Type	Varifocal
Focal Length	2.7-12mm
Illuminator Type	IR LED
Illuminator Effective Range	100 ft (30m)
Ingress Protection	IP66
Operating Temperature	Heater: 59° F (15° C) on, 77° F (25° C) off Blower: 95° F (35° C) on, 77° F (25° C) off
Operating Humidity	≤ 95% non-condensing
Dimensions	7.5" (W) x 17.4" (D) x 4.5" (H) 19cm (W) x 44cm (D) x 11.5cm (H)
Weight	8.40 lbs (3.81 kg)
Wall Mounted	Yes

### CONNECTORS

Cable	50' (15m) integrated power/data
Connectors	1-1/4" mil spec

### CONTROL UNIT

Enclosure Type	NEMA 4X
Enclosure Size	24" (W) x 32" (H) x 8" (D) 61cm (W) x 81" (H) x 20.32cm (D)
Operating Temperature	-30°F to 140°F (-34.5°C to 60°C)
Operating Humidity	≤ 95% non-condensing
Communication	Ethernet
Input Voltage	110-220 Vac
Current Draw	5A @110Vac (max)
Power Consumption	550W (max)

### MONITORING WORKSTATION/ANALYTICS SERVER

Monitor	17"
Control Unit	PC-based Rackmount
Storage	2TB hard drive
CPU	Intel i7 six-core processor
RAM	8GB DDR3
Communications	RS485/Ethernet
Ports	(2) USB 2.0
Network	Dual LAN, 1Gbps
Operating Temperature	14° F to 122° F
Operating Humidity	≤ 95% non-condensing
Input Voltage	110-220 Vac
Current Draw	5A @110Vac (max)
Power Consumption	550W (max)

### PART NUMBER

CAM-UVIS-01E	Permanent under vehicle inspection system (UVIS)
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