



**VEHICLE INSPECTION TECHNOLOGIES**

Under Vehicle Inspection Systems

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# Und-Aware™ A-500

## Electrical and Mechanical Specifications

### BASE ASSEMBLY — TWO-FOUR MODULES SUPPLIED PER SYSTEM

SIZE .....	24 in (600mm) x 60 (1,525) x 2.5 (64)	LIFE .....	up to 100,000 hours
WEIGHT .....	est. 96 lb (44 kg) per assembly	PROTECTION .....	Scratch proof, sapphire cover
ENVIRONMENTAL...	-30 to 70° C, 0-100% humidity	CAMERAS .....	Two installed per module
LAMPS .....	High output LED, 40 watt/module	OPTIONS.....	Low-slope ramps for above ground

### CAMERA AND LED MODULES

SIZE .....	4 in (102 mm) x 17 (431) x 1.5 (37)	RESOLUTION .....	up to 5,760 lines (8-cam, PAL)
WEIGHT .....	4.5 lb (2 kg)	SENSITIVITY .....	with included lights, 0 lux
POWER .....	Camera 12vDC/LED 38vDC	LENS COVER.....	Scratch proof, sapphire
ENVIRONMENTAL....	-30 to 70° C waterproof IP-67	WARRANTY .....	1-yr, extendable to 3-yr

### GENERAL SPECIFICATIONS OF MECHANICAL BASE ASSEMBLY

SIZE .....	96 in (2.4 m) x 60 (1,525) x 2.5 (64)	SHIPPING .....	UPS/FED-X size/weight/piece
MAX LOAD .....	120,000 lb. GVW (55,000 kg)	ENVIRONMENTAL .	-50 to 100° C, 0-100% humidity
WEIGHT .....	96 to 386 lb (44 to 175 kg)	WARRANTY .....	1-yr, extendable to 3-yr
SERVICE .....	1-day, typical repair turnaround	OPTIONS.....	Portable cases
MATERIAL....	Rust-proof, heavy-duty, cast aluminum		

### INTEGRATED SYSTEM CONTROLLER

SIZE .....	17 in (432 mm) x 14 (355) x 7.5 (190)	ENVIRONMENTAL .....	0-40° C, 20-80% humidity
	Integrated Control unit includes CPU, NVR, Frame Grab card...80-1TB storage, Driver-Image	OPTIONS	
WEIGHT .....	20 lb (9 kg)	Immediate access to downstream vehicle control device, such as tire-shredding “CatsClaw” devices. Monitoring from remote security location. Auto-matic License Plate Reader, Driver Image Capture and various biometric sensors.	
POWER .....	100-240V 50-60 Hz,, 250 watt		

### DISPLAY UNIT-LCD MONITOR

SIZE .....	19 in (508 mm) x 17 (432) x 3.5 (89)	OPTIONS	
WEIGHT .....	15 lb (7 kg), with desk stand	Larger (up to 50+ inch). Ceiling/wall mount. Transmit video images to virtually any location. Touch-screen, resistive. Ultra-bright.	
POWER .....	100-240V 50-60 Hz, 50 watt		
ENVIRONMENTAL .....	0-40° C, 20-80% humidity		

*With continual system enhancements, specifications will improve without notice.*