

# Eagle Vision EV3000 Dual Camera System Thermal and Color EMCCD

## PAN/TILT THERMAL & COLOR CAMERAS

- All Weather Stainless Steel Rugged Housing  
Anti-corrosion, Anti Rust, resist high humidity and salt water.  
Special Reflective paint to reduce heat by 15 degree.
- 128 preset positions for perimeter scanning, Tour function
- Pelco-D protocols , can be integrated with any other CCTV system.
- Environmentally sealed and dry nitrogen filled
- Image overlay combines thermal and video image
- The EV3000 EMCCD colour night vision camera provides high resolution full colour images from full Sunlight down to quarter Moonlight, and thereafter monochrome images down to Starlight.



### Thermal Imager

- Cooled 3-5 micron InSb detector
- DFOV 150/500mm
- Resolution 640 x 480

### Pan/Tilt resolution

High performance, brushless, maintenance-free step motors provide very precise, extremely effective motion control with preset and 0-360 degree endless rotation

### CCTV software with TCP/IP

- Full control of Thermal / Day-Night / Pan/Tilt
- Using standard Protocol Pelco-D

### Day/Night Camera

- 1/2" High-Resolution EMCCD
- 0.00015 lx (color) / 0.000008 lx (B&W)
- Lens 15-825mm 55X optical zoom  
FOV 23.48° TO 0.46°
- Reproduces full colour, full motion images in starlight conditions

### Sensor Platform

- Heavy Duty, Stabilized Pan/Tilt
- Stainless Steel Enclosure,

This product can be used in any marine applications, harsh environment. Anti-rust full sealed housing/ and Pan-Tilt. Great for shore, sea ports or ship due to its material Stainless Steel 316 against corrosion.

### Options

- \* Digital real time video stabilization
- \* Washer 5 or 10 ltr



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FEATURES		EV3000-D-IR-500
Thermal Imaging	Detector type	Indium Antimonide (InSb); 640x480 detector , 15µm micron pitch, high-resolution has 4-times the picture clarity of cameras that use medium format 320x240
	Pixel Count (Resolution)	
	Spectral Response	3 - 5 µm
	Image processing	Digital Detail Enhancement (DDE), Digital Zoom 2x, 4X On/Standby/Off, Auto & manual Level, manual Gain, Polarity, reticle on/off/select, Non-Uniformity Correction, Change FOV, Focus
	FOV (H X V)	5.5° x 4.1° (WFOV) to 1.1° x 0.8° (NFOV)
	# FOV	2
	Focal Length (mm)	<b>150x500mm</b>
Video	Sensor	1/2 inch EM-CCD with electron multiplication High sensitivity color / monochrome camera
	Field of View (D x H x V)	Wide 23.48° - Tele .46°
	Zoom	Optical: 55X 15-825mm
	Illumination	Minimum illumination 0.00015 lx (color) / 0.000008 lx (Monochrome)
Pan & Tilt	Azimuth Control	360° continuous
	Elevation Control	± 90 °
	Pan & Tilt Slew Rate	0 seconds to 60 seconds
	Pointing Accuracy	<b>Pan ± 0.1° / Tilt ± 0.1°</b>
Power	Power Source	10 - 28 VDC through supplied 110 /220 VAC power supply
Environmental Characteristics	Operating Temperature	-40° C to 60° C
	Environmental Sealing	Fully ruggedized/Mil-STD-810E, NEMA 4 and IP68



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Special Reflective paint to reduce heat by 15 degree.



United Vision Solutions **UVS** Long Range Day Night Camera  
CCTV Surveillance Systems

\*Specifications subject to change without notice. Export of the commodities described herein is strictly prohibited without a valid export license issued by the U.S. Department of State Office of Defense Trade Controls prescribed in the International Traffic in Arms Regulation (ITAR), Title 22, Code of Federal Regulation, Parts 120-130.



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Digital Detail Enhancement (DDE) video optimization algorithms. DDE is a proprietary FLIR technology that brings out unmatched image detail. High-resolution has 4-times the picture clarity of 320x240 format

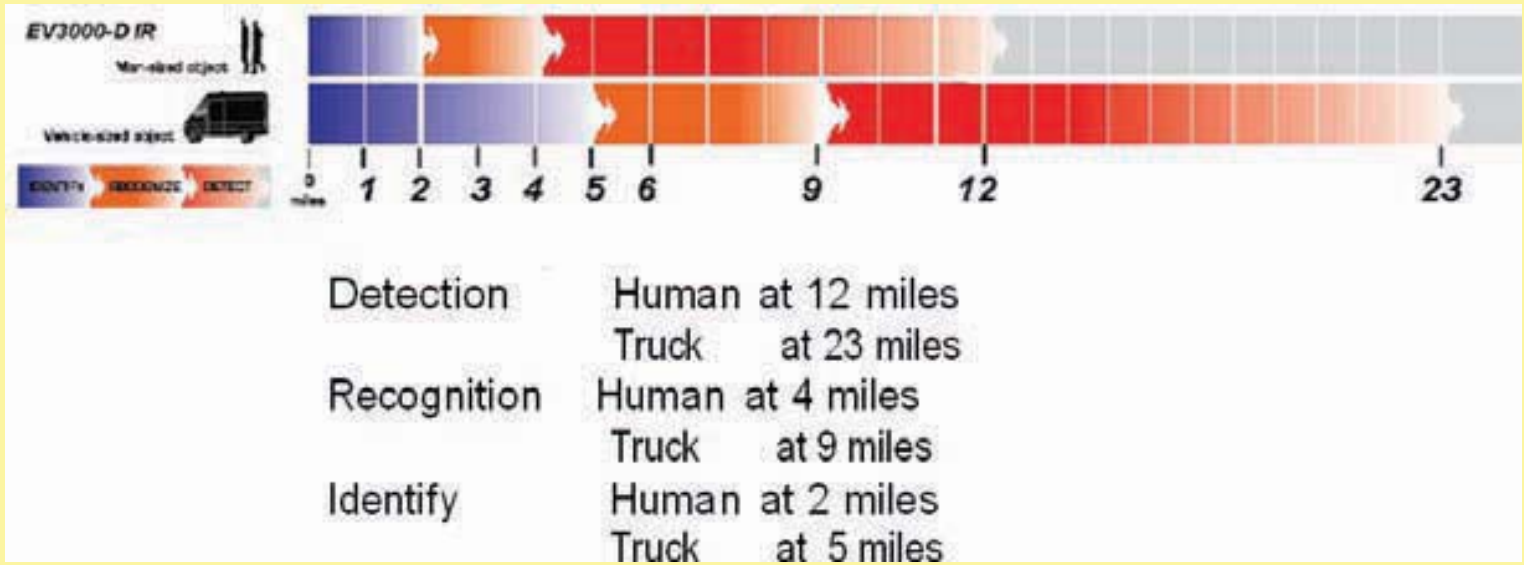


**United Vision Solutions**  
A world without darkness

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# EV3000-D: Night Vision range performance

Resolution 640 x 480 500mm lens



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\* Actual range may vary depending on camera set-up, environmental conditions, user experience and type of monitor or display used. Assumptions: 50 % probability of achieving objective at specified distance given 2°C temperature difference and 0.85 / km atmospheric attenuation factor.

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