

## PAN/TILT THERMAL & COLOR CAMERAS

- All Weather Rugged Housing 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 CCD or 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.

### IR Thermal Imager

- 640x480 or 320x240 detector
- Uncooled 7-14 micron
- Auto Focus
- Lenses 100mm
- Digital Detail Enhancement (DDE)

### Day/Night Camera

- 1/2" High-Resolution CCD or EMCCD
- 0.03 lx / 0.000008 lx (Sensup on)
- Lens 12-660/30-1680mm
- 55X optical zoom
- Reproduces full colour, full motion images in Fog, and low light

### 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

### Sensor Platform

- Heavy Duty, Stabilized Pan/Tilt
  - Rugged housing for marine applications
- This product can be used in any marine applications, harsh environment. Anti-rust anti-Corrosion full sealed housing / and Pan-Tilt. Great for shore, sea ports or ship.

### Options

- \* Digital real time video stabilization
- \* TCP/IP interface
- \* Washer and Wiper





**VISIBLE**

**EMCCD**

**United Vision Solutions**  
A word without darkness

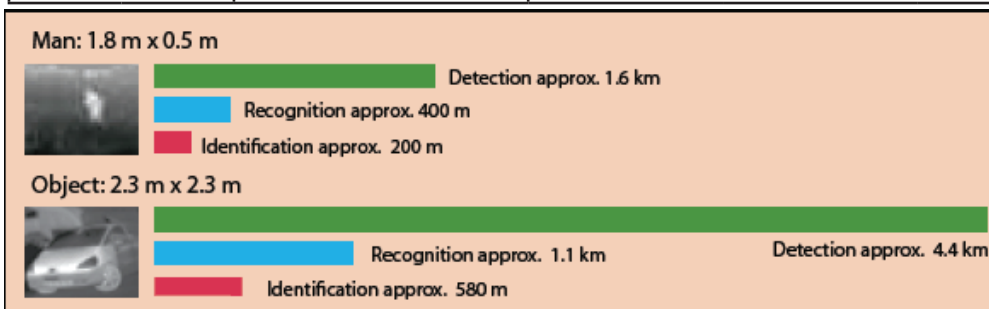
**413-592-8477**

**WWW.LongRangeCamera.com**

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Chicopee MA 01013 USA**

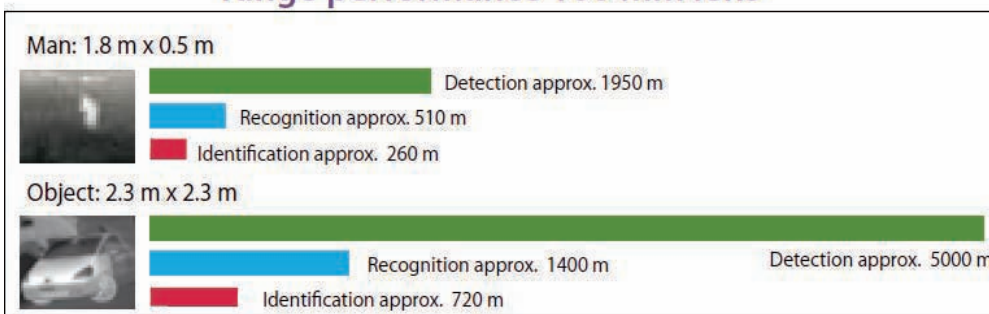
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FEATURES		EV3000-D-IR-100	EV3000-D-IR-100H
Thermal Imaging	Detector type	Focal Plane Array/ uncooled microbolometer	Focal Plane Array/ uncooled microbolometer
	Pixel Count (Resolution)	324 X 256	644 X 512
	Spectral Response	7.5 to 13 μm	
	Image processing	Automatic Gain Control (AGC), Digital Detail Enhancement (DDE)	
	FOV (H X V) Digital Zoom Focal Length (mm)	7° (H) x 5° (V) 2X, 4X (100H model) 100 mm	
Video	Sensor	1/2 inch CCD High sensitivity color / monochrome camera or 1/2 inch EMCCD	
	Field of View	40.84° to 0.69° (12-660mm) 15.12° to 0.27° (30-1580mm)	
	Zoom	Optical: 55X 12-660mm/30-1680mm with 2.5 extender	
	Illumination	0.000008 lx with setup	
Pan & Tilt	Azimuth Control	360° continuous	
	Elevation Control	-90° +45°	
	Pan & Tilt Slew Rate	0 seconds to 60 seconds	
	Pointing Accuracy	Pan ± 0.1° / Tilt ± 0.1°	
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 IP66	



Ev3000-D-IR100

range performance 100 mm lens



Ev3000-D-IR100H