

www.cantronic.com

Overview

Cantronic's innovation and propriety design make it possible for the **CIRP Series Active Infrared Night Vision Camera System** to gain clear images in total darkness for a distance of 200m to 800m (660ft to 2625ft). Day or night, misty or raining, this integrated system includes a plug and play camera with performance that extends far beyond the limits of the environment.

This night vision camera system uses our patented long distance illuminator technology to provide superior long range illumination in total darkness. The **CIRP System** includes advanced technologies such as specially engineered integrated optical system, CCD sensor spectral response optimization and various monitoring techniques allowing security professionals to evaluate a complete site and promptly deal with any situation from any location.

Outstanding Features

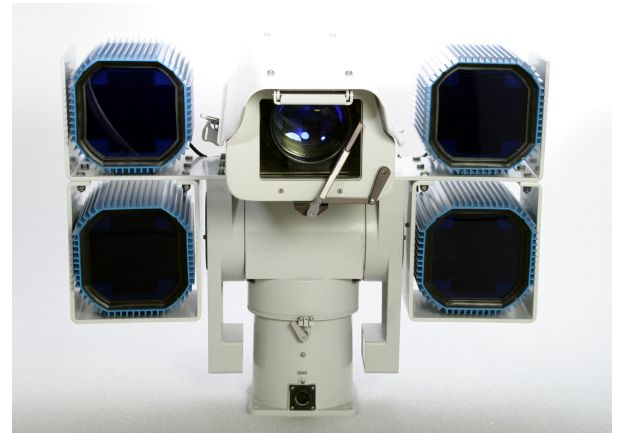
- Patented Illumination technology with distance range of up to 800m (2625ft)
- Robust and durable for harsh environmental applications
- Long lifespan of greater than 10,000 hours
- Available in 850 nm (semi-covert) & 940 nm (covert)
- Produces no infrared glare
- Available in industry standard 110/220VAC

Applications

- Military
- Homeland defense
- Law enforcement
- Corrections
- Covert operations
- Airports
- Border patrol
- Harbor patrol
- Traffic monitoring
- Treasury securities
- Government facilities
- Commercial facilities
- Residential

Product Image

Long Range CCTV Night Vision PTZ Camera



Night Vision Camera System for 800 meters (2625 ft)
Pictures shown with PTZ optional



**Night Vision Camera System for
100 & 200 meters (330ft & 660ft)**

Certifications / Compliance

CSA Standard C22.2 * Luminares
(No. 250.0-00)

UL Standard No. 1598 * Luminares

US Patent #6902299B2 Illuminators
Other Patents Pending

* for CSI series Infrared Illuminators

Specifications

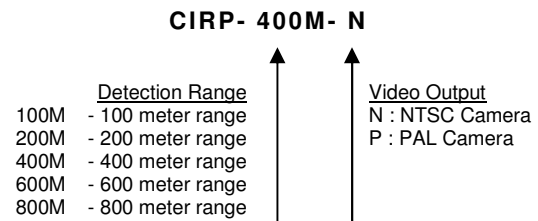
Range Performance	100M	200M	400M	600M	800M
Lens	8.5 – 51 mm Motorized Zoom	8 - 80mm Motorized Zoom	7.5 - 120mm Motorized Zoom	7.5 - 120mm Motorized Zoom	40 - 120mm Motorized Zoom
Detection range					
Human	100m	200m	300m	400m	500m
Automobile*	150m	300m	400m	600m	800m
Ship*	>200m	>400m	>600m	>800m	>1,000m
Horizontal Resolution	570 TV Line				
Signal to Noise Ratio	>58dB				
Video Format	NTSC/EIA or PAL/ CCIR				
Camera Power	90W	90W	150W	210W	270W
Voltage	Standard: 110VAC (Optional with 220VAC transformer)				
Weight					
Camera only	7 kg (15.4 lbs)	7 kg (15.4 lbs)	10 kg (22 lbs)	11 kg (24.2 lbs)	12 kg (26.4 lbs)
Incl. PTZ	16 kg (33 lbs)	16 kg (33 lbs)	19 kg (42 lbs)	20 kg (22 lbs)	30 kg (66 lbs)
Operating Temperature	-23° C to +50° C -10° F to 120° F	-23° C to +50° C -10° F to 120° F	-23° C to +50° C -10° F to 120° F	-23° C to +50° C -10° F to 120° F	-23° C to +50° C -10° F to 120° F
Storage Temperature	-30° C to +70° C -22° F to 158° F	-30° C to +70° C -22° F to 158° F	-30° C to +70° C -22° F to 158° F	-30° C to +70° C -22° F to 158° F	-30° C to +70° C -22° F to 158° F
Dimensions (W x D x H) (include PTZ)	8.5" x 21.3" x 23.6" (22 x 54 x 60cm)		26" x 26.7" x 21.3" (66 x 68 x 54cm)	22.5" x 21.3" x 27.5" (57 x 54 x 70cm)	26" x 26.7" x 21.3" (66 x 68 x 54cm)

• Based on reasonably reflective surface finish

How to Order

Product	Description	Model No.
CIRP Camera	Selection of 100M to 800M and video output	See next figure
Pan-Tilt Drive Kit*	Medium Duty, 110VAC for detection range upto 400m	115-0001
	Medium Duty, 24VAC for detection range up to 400m	115-0002
	Heavy Duty, 110VAC for detection range 600M & 800m	115-0003

*A complete Pan-Tilt Drive Kit includes a pan-tilt drive, a signal receiver, a joystick controller and cable kit with standard length of 7m (22feet). Customer configuration such as 220VAC input option is available upon request.



Specifications are subject to change without notice

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