

The CSI-IR series of LED illuminators for CCTV applications is designed to produce clear night vision images for security surveillance. Cantronic's proprietary design allows for evenly distributed illumination with viewing distances over 200 meters (660ft). Another advantage of these Illuminators is the lower power consumption, ranging from 3W - 55W only. The CSI-IR LED illuminators are weather resistant and come in 850nm (semi-covert) or 940nm (covert) wavelength versions. Please see table on reverse for details.

The result of these innovations is a high-performance LED illuminator that delivers the farthest viewing distance and longest life of any infrared illuminator currently available on the market. The CSI-IR series of illuminators can be purchased separately or as part of a complete infrared CCTV camera system. They can also be retrofitted to existing CCTV cameras.

**Benefits:**

- Illumination distance range of 12m(40ft) - 200m(660ft)
- Low power usage of 3W - 55W
- Light weight rugged weatherproof housing
- Long lifespan of 10,000+ hours
- Available in 850nm(semi-cover) & some models in 940nm(covert)
- Produces no infrared glare
- Photocell versions standard on 30m, 50m, 100m, & 200m models
- Available in industry standard 24VAC/24VDC, or 110/220 VAC
- Power supply included on all 24VDC models

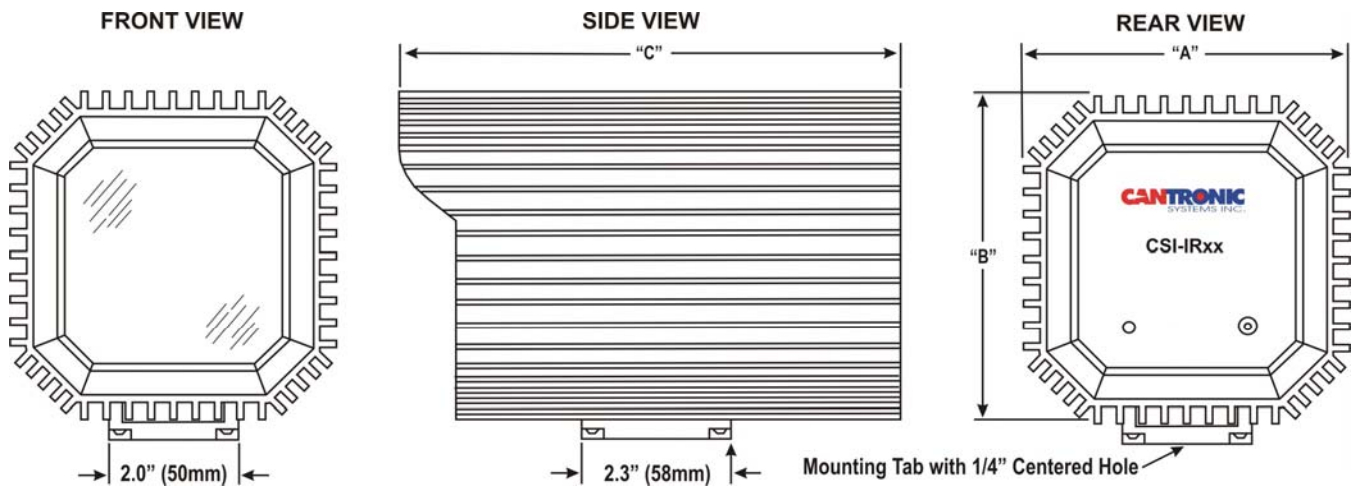


**Specifications:**

Distance	18m(60ft)-200m(660ft)*
Illumination Method	Special LED array
Power	6W-55W, DC or AC input
Lifespan	10,000+ hours
Construction	Extruded aluminum housing
Weight	150g(.33lbs)-1.3kg (2.8 lbs)

*\*With Cantronic approved infrared sensitive cameras*

**Diagram:**



Specifications subject to change without notice

Patent Pending

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Dealer/Distributor

Model	Distance	Angle	# Of LED	Wavelength	Voltage/Max Power Usage	Dimensions (inches) "A" x "B" x "C"
<b>Semi-Covert</b>						
CSI-IR18m30	18m (60ft)	30°	42	850nm	12VDC / 6W	2.7 X 2.7 X 3.5
CSI-IR30m30	30m (100ft)	30°	90	850nm	24VAC / 12W	5.1 X 5.1 X 5.9
CSI-IR30m60	30m (100ft)	60°	150	850nm	24VAC / 20W	5.1 X 5.1 X 7.0
CSI-IR50m30	50m (165ft)	30°	150	850nm	24VAC / 20W	5.1 X 5.1 X 7.0
CSI-IR50m60	50m (165ft)	60°	300	850nm	24VDC / 24VAC / 30W	5.1 X 5.1 X 7.8
CSI-IR100m30	100m (330ft)	30°	300	850nm	24VDC/24VAC/110-220 VAC / 38W	5.1 X 5.1 X 7.8
CSI-IR100m60	100m (330ft)	60°	588	850nm	24VAC / 110-220 VAC / 55W	6.5 X 6.5 X 7.8
CSI-IR200m30	200m (660ft)	30°	588	850nm	24VAC / 110-220 VAC / 55W	6.5 X 6.5 X 7.8
<b>Covert</b>						
CSI-IR30m30N	30m (100ft)	30°	150	940nm	24VAC / 20W	6.5 X 6.5 X 7.8
CSI-IR30m60N	30m (100ft)	60°	300	940nm	24VAC / 30W	5.1 X 5.1 X 7.0
CSI-IR50m30N	50m (165ft)	30°	300	940nm	24VAC / 30W	5.1 X 5.1 X 7.0
CSI-IR50m60N	50m (165ft)	60°	588	940nm	24VAC / 55W	6.5 X 6.5 X 7.8
CSI-IR100m30N	100m (330ft)	30°	588	940nm	24VAC / 55W	6.5 X 6.5 X 7.8

### Mounting Options:



Model No. WM800L



Model No. WM800U

Special mounting brackets made of 12-gage steel are designed to support up to 9kg (25lbs). Mounting brackets sold separately.

To achieve viewing distances of 200m – 800m+, an integrated infrared CCTV camera system must be used. See Cantronic's model CIRP integrated infrared CCTV Camera System on the web at [www.activeinfrared.com](http://www.activeinfrared.com).

### Applications:

- Nighttime or covert surveillance
- Airport Perimeter
- Government Facilities
- Border and Harbor Patrols
- Prison Surveillance
- Police Surveillance
- Any facility that requires a high level of security



Example: Illuminator configuration to achieve viewing distances up to 800+ meters

### Options:

Contact your local distributor or Cantronic direct for information on available options.



\* on selected models