

Infrared LED Illuminators - from 49' up to 328'

Custom Solutions Available

Overview

The low voltage illuminator can be safely and discreetly installed to enhance the night-time performance of existing and new infrared sensitive cameras. Installers can now provide as much infrared light as necessary to get the picture in a dark scene.

Key Features

- Compact, attractive design
- High output illumination up to 328 feet (100 meters)
- Fewer LEDs, but with greater illumination
- Wide Beam Angle
- Near invisible 850nm wavelength
- Long Life – 20,000 hours
- Rugged and Weatherproof
- Extends the dynamic range of CCD cameras in the dark

Applications

- Discreet Night CCTV
- Nightclubs / Lounges
- Semi-Covert Surveillance
- Public Buildings
- Industrial Buildings
- Indoor / Outdoor



Distinctions

Combo/ DIY Camera: IR-P500, IR-P1000
 Bullet Camera: IR-S150, IR-S200
 Standard Camera: IR-R300, IR-R600, IR-P800

Certifications / Compliance

IP66 - Dust proof, protected from strong water jets

Specification

Enclosure Type	S Type		R Type		P Type		
Model #	IR-S150	IR-S200	IR-R300	IR-R600	IR-P500	IR-P800	IR-P1000
IR Distance	49.2' / 15m	65.6' / 20m	82' / 25m	196.9' / 60m	164' / 50m	262.5' / 80m	328' / 100m
Number of LEDs	6	6	12	12 + lens	30	15 + lens	30 + lens
LED Type	AlGaInP High-Light™, High Performance (AlGaInP type)						
IR Wavelength	850nm						
LED Beam Angle	80°		80°		80°	80°	80°
LED Beam Spread	30°/LED		20° ~ 30°/LED		30°/LED	20° ~ 30°/LED	30°/LED
IR Illumination	< 10 lux by auto switching CDS sensor						
LED Life	< 20,000 hours						
Power Supply	12V DC		12V DC		12VDC/ 24VAC/85~250VAC		
Power Draw (IR on)	180mA		400mA		900mA	540mA	900mA
Dimension (mm)	60 (Φ) x 60 (L)		95 (Φ) x 250 (L)		127 (W) x 124 (H) x 390 (L)		
Housing	Aluminum with sunshield weatherproof						
Operating Temp	-4°F~194°F (-20°C~90°C)						
Storage Temp	-22°F~194°F (-30°C ~ 90°C)						
Certification	IP66 classification						