

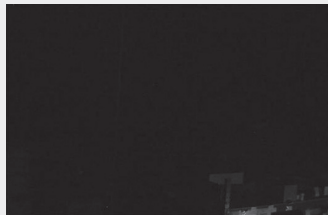
Infrared Illuminators

Compact NIR Infrared illuminators incorporating high power LEDs are the ideal choice to improve night-time performance of CCTV systems for short to long-range applications.

The inherent low power consumption of the solid state LED array, results in ultra low running costs over the life of the lamp. With an average LED life well in excess of 10 years, the NIR series can provide huge energy and maintenance savings.

Impact resistant and fully weather proof (IP67) with an attractive design, NIR units can be used both internally and externally for any CCTV requirement.

RDP illuminators are supplied with a U-bracket and require 12-24V AC/DC input power. Integrated control features on the illuminator include telemetry input, power and photocell sensitivity adjust, and photocell following contact to switch D/N cameras into night mode. The NIR Series is suitable for all low light installations up to 820 feet (250m).



Without IR



With IR



- High power LEDs
- 12-24V AC/DC power input
- Distances of up to 820 feet (250m)
- NexGen 3D lens technology for a more balanced and even spread of light
- Compact, attractive design
- Weatherproof housing (IP67)
- Thermally managed to draw heat away from the LEDs
- Impact resistant
- 2-year warranty
- Beam patterns of: 10°, 30°, 60°, 95°, 120°

NIR11	10°	195 feet (60m)
NIR13	30°	130 feet (40m)
NIR16	60°	100 feet (30m)
NIR19	95°	80 feet (25m)
NIR112	120°	65 feet (20m)

NIR21	10°	410 feet (125m)
NIR23	30°	280 feet (85m)
NIR26	60°	215 feet (65m)
NIR29	95°	165 feet (50m)
NIR212	120°	115 feet (35m)

NIR31	10°	820 feet (250m)
NIR33	30°	525 feet (160m)
NIR36	60°	360 feet (110m)
NIR39	95°	245 feet (75m)
NIR312	120°	180 feet (55m)

Illumination Distances 850nm Semi-Covert Models

Distances based on 20db s/n ratio using a 1/3" Ex-View CCD and F1.4 lens aperture

Specifications	NIR1	NIR2	NIR3
LED Array	High power SMT Quasar LEDs		
No. of LEDs	6	16	36
Average Life	> 10 Years		
Construction	Robust Aluminum extrusion with Polycarbonate front plate		
Cable Length	Supplied with 13 ft (4m) connecting cable		
Bracket	Supplied with U Bracket as standard		
Power Input	12 – 24 V AC/DC		
Power Consumption	14W Max.	40W Max.	80W Max.
Nominal Consumption	12W	30W	67W
Adjustments	IR power output and photocell built-in to the illuminator		
Connections	Telemetry (remote on/off) and Photocell following contact (for cameras with IR lamp input)		
Temperature Range	-58° F to 122° F (-50° C to +50° C)		
Dimensions (w x h x d)	3.7 x 5.5 x 3.3" (95 x 140 x 84mm)	5.6 x 7.7 x 3" (143 x 196 x 75mm)	8 x 11.2 x 3.3" (203 x 285 x 83mm)
Weight (without cable)	1.6 lbs (720g)	3.5 lbs (1.6kg)	7.1 lbs (3.2kg)

Specifications subject to change without notice



Accessories

NIRLB L-Bracket

NIRPMB Pole Mount Adaptor

