

IR200-36 & IR100-36N

Fully Adjustable Infrared Illuminator



KEY FEATURES

- Fully adjustable – One Model for all Applications
- Adjustable beam angle: 30°, 45°, or 60°
- Adjustable IR power setting for illuminating various distances and/or compensating for camera hot spots
- Light sensor which automatically activates or deactivates IR
- LED technology: 20,000 hour life cycle
- 940 nanometer for covert surveillance; LEDs untraceable by the naked eye (IR100-36N Only)
- Low power requirements: 15-30vac or 18-30vdc, 42 watts
- Automatic fan for heat dissipation
- Surge protection, user replaceable fuse
- Optional brackets and mounts available
- Full 5 year warranty

US Patent Pending

One model for all applications! Videolarm's IR200-36 and IR100-36N infrared illuminators enhance video surveillance for all low light applications. Constructed out of a lightweight, rugged, weather-resistant housing, the IR200-36 and IR100-36N are capable of illuminating multiple distances and angles with a simple switch. Adjust the beam angle from 30°, 45°, and 60° and manipulate the power setting to illuminate variable distances or control camera wash outs / hot spots. For more covert surveillance applications, the IR100-36N utilizes 940 nanometer LED's, making the unit untraceable to the human eye.

Equipped with advanced LED technology, which requires low power to operate and a 20,000 hour life cycle, Videolarm's fully adjustable IR's are backed by an impressive five-year warranty.



A Moog Company

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IR200-36 & IR100-36N

What are Infrared Illuminators?

For surveillance applications where light is not sufficient, i.e. night-time scenarios, an infrared illuminator is strongly recommended for enhancing your view of sight. Composed of multiple light emitting diodes (LEDs), the infrared illuminators produce an infrared beam of light which, when paired with either a day/night or black & white camera, will illuminate the surrounding area for increased visibility.



Low-light conditions WITHOUT IR Illumination



Low-light conditions WITH IR Illumination

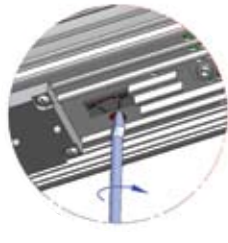
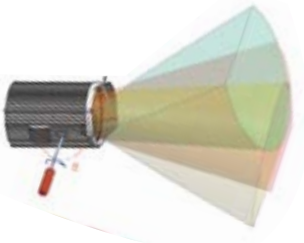
Two Models: IR200-36, IR100-36N

IR200-36: Fully adjustable infrared illuminator - 850 nanometer beams. Multiple beam angles: 30°, 45°, 60° and projection distances of 30 – 200meters (100 – 660feet). Includes surge protection and automatic fan for heat dissipation.

IR100-36N: Fully adjustable infrared illuminator – 940 nanometer beams for covert surveillance (untraceable by human eye). Multiple beam angles: 30°, 45°, 60° and projection distances of 30 - 100meters (10 - 330feet). Includes surge protection and automatic fan for heat dissipation.

Adjustable IR Beam Angle: 30°, 45° or 60°

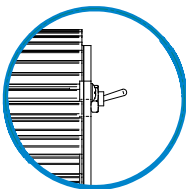
With a simple flat-head screw driver, you can manually change the IRs viewing angle from 30°- 60°



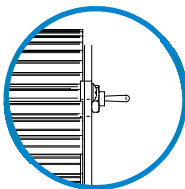
Beam Angle Adjustment

Manipulate Power Settings

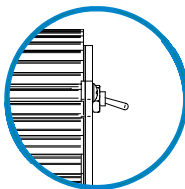
Offering three power settings, manipulate the IRs strength to illuminate further distances or reduce hotspots or camera washouts.



High Power Setting



Medium Power Setting



Low Power Setting

Benefits of a Fully Adjustable IR

- Save from costly IR upgrades, due to application surveillance changes
- Power setting adjusts for wash outs / hot spots, resulting in huge cost savings from new cameras or IRs
- Expand or decrease illumination parameters with a simple switch. Ideal for temporary video surveillance adjustments.

Mechanical Specifications

Size:	11.5" x 7.0" x 7.0"
(Product/shipping)	(h*w*d) 292x178x178mm
Weight:	5.25 lbs / 2.4 kg
(Product/shipping)	
Construction	Body: Extruded aluminum
	Back Plate: Aluminum
	Front Trim Ring: Polycarbonate

Electrical Specifications

Power requirements:	15-30vac or 18-30vdc, 42watts
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Environmental Specifications

Operating Temperature:	-40° F to 120° F (-40° C to + 49° C)
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Certifications and Ratings



UL Listed



WEEE



RoHS

