



IR200-36 & IR100-36N

Fully Adjustable Infrared Illuminator

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

Equipped with advanced LED technology, that requires low power and offers a 20,000-hour lifespan, Moog Videolarm's fully adjustable IR illuminators are backed by an impressive five year warranty.

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 automatically activates or deactivates IR
- Low power requirements: 24Vac or 18-30Vdc
- 940 nanometer for covert surveillance; LEDs untraceable by the naked eye (IR100-36N Only)
- Automatic fan for heat dissipation
- Surge protection, user replaceable fuse
- Optional brackets and mounts available
- LED technology: 20,000 hour life cycle
- Full five year warranty

US Patent Pending



IR200-36 & IR100-36N

IR200-36

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

IR100-36N

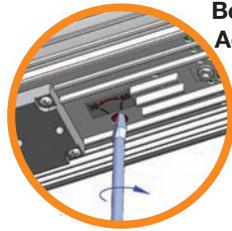
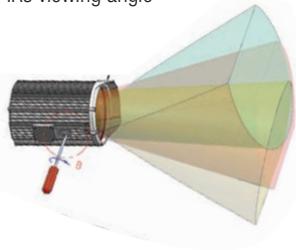
Fully adjustable infrared illuminator - 940 nanometer beams for covert surveillance (untraceable by human eye). Multiple beam angles: 30°, 45°, 60° and projection distances up to 30 - 100meters (100 - 330feet) depending on camera. Includes surge protection and automatic fan for heat dissipation

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 that when paired with either a day/night or black & white camera will illuminate the surrounding area for increased visibility

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

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

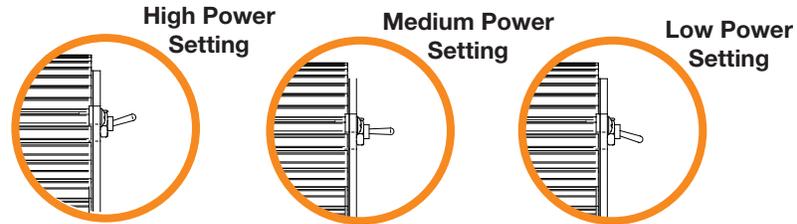


Beam Angle Adjustment



Manipulate Power Settings:

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



Benefits of a Fully Adjustable IR:

- Save on 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

SPECIFICATIONS:

Mechanical Specifications		
Size (h*w*d):	11.5" x 7.0" x 7.0"	292 x 178 x 178mm
Weight:	5.25 Lbs.	(2.4 Kg.)
Construction	BODY:	Extruded aluminum
	BACK PLATE:	Aluminum
	FRONT TRIM RING:	Polycarbonate

Electrical Specifications		
Power Requirements:	24Vac or 18-30Vdc,	15-45W

Environmental Specifications		
Operating Temperature:	-40°F to 120°F	(-40°C to 49°C)

Certifications and Ratings		
UL Listed	WEEE	RoHS

Architectural Drawings

Dimensions are in inches