NM-IRLAMP
(SCIR)

Infrared Illuminator
Powerful Indoor/Outdoor IR Spotlight

The NetMedia IRLAMP (SCIR) Infrared (IR) Illuminator provides night vision for IR (850nm) sensitive cameras. It enables cameras such as NetMedia's B/W and Day/Night color models to see in complete darkness. It mounts to a typical round 4 inch junction box. Other junction boxes from your local hardware store may also be used after replacing the round base with another that has a 1/2 inch diameter hole for the elbow bracket.

Product Includes:
1. Illuminator Assembly (IR LED's, IR Passing Filter, Housing, Housing Cap, Elbow Bracket, Locking Ring, Base, Gasket, Power Connector).
2. 12V DC 300mA Power Transformer, Center Conductor Positive.
3. Mounting Screws.

Housing
Available in ivory.

Elbow Bracket
Adjusts illuminator angle at base, screw, and housing.

Power Connector
12V DC 300mA, center positive.

IR Passing Filter
Hides LED's in daytime.

IR Illuminators
Behind IR Passing Filter - 850nm IR LED's provide night vision for IR sensitive cameras.

Housing Cap
Protects illuminator.

Gasket, Base & Screws
Mount to round 4" junction box.

Locking Ring
Secures elbow bracket to base at desired position.

DO NOT CUT OR SPLICE THE ILLUMINATOR'S CABLES. MODIFYING THE UNIT IN ANY WAY WILL VOID THE WARRANTY.

Installation Procedures:
1. Connect the 12V DC 300mA Power Transformer from an AC outlet to the Illuminator's Power Connector.
2. Mount the base to the junction box (not included) and adjust the Illuminator Assembly for proper lighting. Check camera to ensure that the desired area is illuminated without shining, either directly or by reflection, into the camera lens. When satisfied, secure all adjustment points.

FEATURES

Lets cameras see in complete darkness
Works with NetMedia B/W & Day/Night cameras
Provides 30 degree spot light up to 50 feet
Weather resistant enclosure
Internally routed cables
Mounts directly to walls and ceilings
Mounts to standard electrical fixtures
Tamper resistant wiring
Includes power supply
1 year limited warranty

SPECIFICATIONS

Infrared Illuminators:	64- 850nm LED's
Illumination Range:	30 degree spot up to 50 ft.
Power Requirement:	12V DC 300mA
Power Connectors:	Female 5.5mm OD, 2.1mm ID, center positive
Housing Size:	3.13" dia. x 4" long
Base Size:	4.5" dia. x 0.75" high x 0.5" hole
Base Mounting Holes:	3.5" centers
Assembly Weight:	1 lb.

(subject to change without notice)

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MAN-IRLAMP   REV0707A

NM-IRLAMP

One Year Limited Warranty

NetMedia, Inc. warrants this product to be free from defects in materials and workmanship under normal use and service for One Year from the date of purchase or NetMedia will repair or, at its option, replace the defective product. Please keep your purchase receipt. In the unlikely event that you need warranty service, call NetMedia at 1-520-544-4567 for a Return Material Authorization (RMA) number. Then, return the product, with the RMA number clearly marked on the package, by a traceable method with freight pre-paid and accompanied by a copy of the purchase receipt to:

Attn: Customer Service, NetMedia, Inc. 10940 N. Stallard Place, Tucson, AZ 85737-9527

No expressed or implied warranty is made for any defects in this product which result from accident, abuse, failure to operate the product in accordance with relevant instructions, neglect, immersion in or exposure to chemicals or liquid, extreme climate, excessive wear and tear and defect resulting from other extraneous causes such as unauthorized disassembly, repair and or modification. Any implied warranty arising from the sale of this product, including implied warranties of merchantability and fitness for a particular purpose, are limited to the warranty stated above. NetMedia shall not be responsible for any loss, damages or expenses, whether direct, consequential or incidental that arise from the use or inability to use this product. Some states do not allow limitation of incidental or consequential damages, so the above limitations and exclusions may not apply to you. This warranty gives you specific legal rights, and you may have other rights, which vary from state to state.

Frequently Asked Questions

Q- How can I tell if the illuminator is on?

A- When powered up in the dark, there will be a visible red glow coming from the IR LED's. You can also test it with your IR sensitive camera and a monitor.

Q- Why do the IR LED's have a red glow?

A- The 850nm infrared LED's emit some slight radiation in the visible red region. These LED's are as "invisible" as possible while still being compatible with many IR sensitive cameras. NetMedia also offers a 940nm illuminator (NM-IRJBOX) that gives off no red but most cameras cannot see the IR in that range. NetMedia's Day/Night color cameras can see with the 940nm LED's.

Q- The illuminator is on, why doesn't my camera see anything?

A- Make sure the camera is sensitive to IR at 850nm. NetMedia's B/W and Day/Night color cameras will work but most color cameras are not IR sensitive at all. Make sure the unit is properly powered. Make sure there is actually something to see within its illumination area.

Q- How can I increase the length of the power cord?

A- The illuminator has a minimum power requirement of 12V DC 300mA. You may use another power supply and cable but the connector needs to be just like the power plug of the included transformer, 5.5mm outer dia., 2.1mm inner dia., center positive. Do not cut the cables coming out of the illuminator or you will void the warranty. Do not reverse the polarity on the power jack/plug or you will damage the illuminator and void the warranty.

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