

NM-IRJBOX

Infrared Illuminator

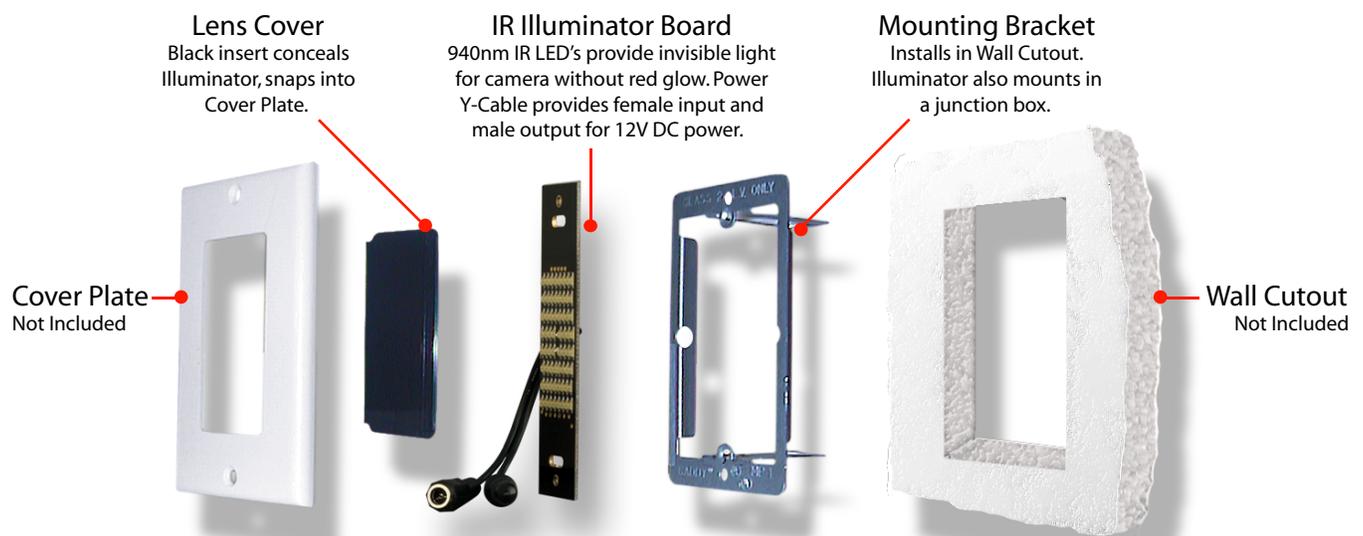
No visible light or red glow



The NetMedia IRJBOX Infrared (IR) Illuminator provides invisible light for IR (940nm) sensitive cameras. It enables cameras such as NetMedia's VIDJBOX-HB (SC53) to see in complete darkness. The illuminator mounts in a wall with its bracket or in a typical single gang junction (light switch) box. It is concealed behind a black cover plate insert that allows only IR to pass. For best results, do not mount in the same junction box as the camera.

Product Includes:

1. IR Illuminator Board (IR LED's, Power Y-Cable).
2. 12V DC 300mA Power Transformer, Center Conductor Positive.
3. Black Lens Cover Insert.
4. Mounting hardware (Bracket and Screws).



Installation Procedures:

1. Connect the 12V DC 300mA Power Transformer from an AC outlet to the Illuminator's Power Input Connector. If sharing power through the Y-Cable, make sure there is enough current for both devices; the Illuminator requires 200mA.
2. Install Illuminator Board into Mounting Bracket or Junction Box (not included). Check camera to ensure that the desired area is illuminated without shining, either directly or by reflection, into the camera lens.
3. Snap the Black Lens Cover into the Cover Plate (not included) by pressing all four corners in simultaneously. If necessary, the square corners of the insert may be slightly rounded.
4. Attach the Cover Plate to Mounting Bracket or Junction Box. Silicon or similar sealant may be used as needed.

FEATURES

- Lets cameras see in complete darkness
- Works with NetMedia Day/Night color cameras
- No visible red glow
- Wide angle of IR dispersion
- Built-in Y-Cable for sharing power
- Mounts in standard electrical fixtures
- Includes Mounting Bracket
- Includes power supply
- 1 year limited warranty

SPECIFICATIONS

Infrared Illuminators:	64- 940nm LED's
Illumination Range:	Up to 6 ft.
Power Requirement:	12V DC 200mA
Power Connectors:	1 Male, 1 Female 5.5mm OD, 2.1mm ID, center positive
Mounting Holes:	3.8" centers
Size:	4.25" long x 1" wide x 0.2" thick
Weight:	0.8 oz.

(subject to change without notice)

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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- I installed the illuminator, why doesn't my camera see anything?

A- Make sure the camera is sensitive to IR at 940nm. NetMedia's Day/Night cameras will work but most color cameras are not IR sensitive at all. Even B&W and color cameras that are IR sensitive may only see it in the 850nm range. Try using NetMedia's NM-IRLAMP (SCIR) Illuminator which uses the slightly red 850nm LED's. Lastly, make sure there is actually something to see within the illuminator's six foot distance range.

Q- Why can't I mount this in the same junction box as the camera?

A- We do not recommend it because it is difficult to keep the IR from illuminating the inside of the junction box. When there is light inside the box, even invisible IR, the camera and bracket will show up as reflections in the Lens Insert; it is like the camera is looking at itself in the mirror. If you do attempt to mount them in the same box (again, not recommended), make sure you are using material that is not IR-transparent to block the light between the illuminator and camera. You can test materials by placing them between the illuminator and camera while they are facing each other. Use a monitor to view the results.

Q- Why does the camera show up as a reflection in the Lens Insert?

A- There is light shining on the camera bracket. If it is from a visible outside source then try to resituate either the light or the camera. If it is from the illuminator then see the question above.

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