

ALIGNING THE IR BEAM

In order to Align the IR940 illuminator to your scope. After the IR940 is assembled into the mount. Place it on the X-Sight 5 side accessory rail or on your rifles accessory Picatinny rail. Once mounted securely, slightly loosen the two screws on top of the mounting ring.

While looking through the X-Sight 5 at night with night mode activated. Move the IR940 around in the mount until you see the IR light covering your entire field of view in the X-Sight 5 view finder. Once you have adjusted your IR light to be aligned with your X-Sight 5 FOV, gently tighten the two screws on top of the mounting ring with an Allen wrench.

MAINTENANCE

To prevent wear and retain water-resistance it is a good idea to lubricate the threads and o-rings if they become dry.

TROUBLESHOOTING

Light Doesn't Turn On

- Check that the battery tube is fully threaded, as well as the tail cap.

Light Dimming

- If the output is declining rapidly unexpectedly, please try another fully charged battery and/or charge your battery and retry.
- If output is not fixed with other charged batteries, please contact ATN for further assistance.



For customer service and technical support, please contact

American Technologies Network Corp.
2400 NW 95 Ave, Doral, FL 33172
phone: 800-910-2862, 650-989-5100
e-mail: service@atncorp.com

www.atncorp.com

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ATN IR940

LONG RANGE INFRA-RED ILLUMINATOR



USER'S GUIDE (IR940) REVISION 1 – FEBRUARY 2023

USER GUIDE

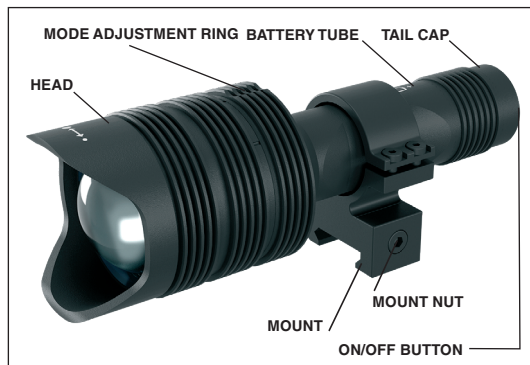
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INTRODUCTION

The IR940 IR Illuminator ensures that you stay hidden from your prey. Animals and humans alike are not able to see the wavelength at which the illuminator is emitting.



SPECIFICATIONS

Wavelength	940 nm
Beam Angle	5°- 80°
Operating Temperature Range	-20°C to +40°C
Battery type	18650R rechargeable; 3.7 V Lithium Ion
Output	Three levels : Low at 50% , Medium at 75%, High at 100%
Runtime	6h at 50%, 4h at 75% , 3h at 100%
Lens Material	Polycarbonate
Housing Material	Aluminium alloy with hard anodized finish
Environmental resistance	Weather resistance
Dimensions	1.9" x 1.9" x 5.8"/46 x 46 x 148 mm
Weight	0.38lb / 175 g
Color	Black

* ATN reserves the right to change the above specifications at any time without notice.

FEATURES

- **HIGH POWER LED EMITTER.**
- **THREE MODES OF OPERATION.**
- **SINGLE LITHIUM 18650 BATTERY WITH CHARGER.**
- **REMOVABLE GRIP RING.**
- **EASY RAIL MOUNTING SYSTEM.**
- **BATTERY CHARGER.**
- **ONE-YEAR WARRANTY.**

BATTERY

NOTE

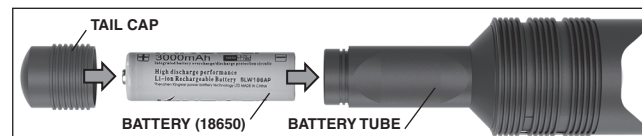
Please hold the battery tube (not the brightness control ring or neck) when tightening/loosing the tail-cap.

CAUTION

Only use an 18650 battery to operate this light, do not use 2 CR123 batteries as they may damage the device.

The IR940 IR Illuminator uses one 18650 battery.

1. Remove the tail cap unscrewing it until it is free of the body.
2. Install the battery in the body, observing proper battery polarity.
3. Install the tail cap back on the body.



MODES

The IR940 has three stage output — Low, Medium and High system. Low at 50%. Medium at 75%. High at 100%.

BRIGHTNESS SETTINGS

The factory preset modes control the brightness of the IR illuminator.

Three modes are designated on the head after the focusing ring. The modes are distinguishable by the size of the dot. The small dot indicates the lowest power output setting. The medium dot indicates the medium output power setting. The large dot indicates the strongest output power setting.

To turn on/off the IR illuminator push the button on the tail cap.

To switch the modes rotate the setting ring behind the focus ring of the IR illuminator.

FOCUS

Turn the light on maximum output and shine it on a wall 8~10 m away. To focus the beam, hold the head in one hand and turn the neck section with your other hand turn clockwise or counter-clockwise.

MOUNT

Attach the IR940 to adjustable mount as follows:

1. Unscrew the two screws.
2. Place the insert in the mount.
3. Insert the illuminator into the mount with insert.
4. Secure the two screws using an Allen wrench. Do not apply excessive torque.

