



ADVANCED PHOTONICS

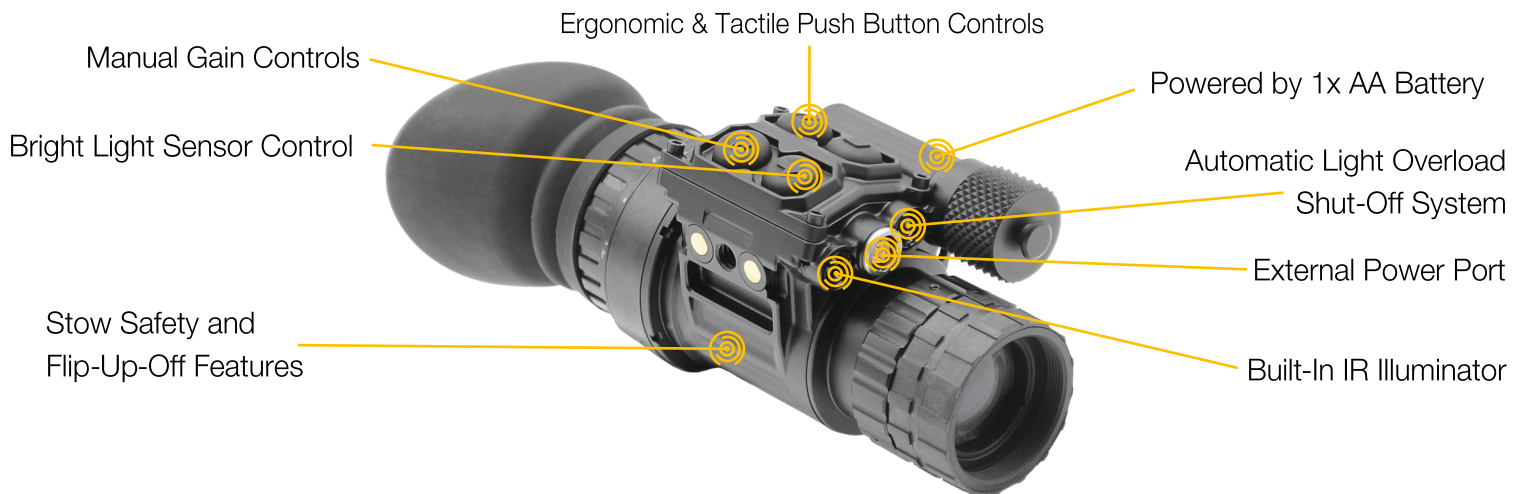
# ADVANCED TACTICAL NIGHT VISION MONOCULAR LUX-14

The LUX-14 has been developed to provide the user with cutting-edge night vision technology in a lightweight and compact package. With digital push button controls that can be easily operated, even while wearing tactical gloves, it is the smallest and lightest in its class, weighing just over 250 grams with 18mm gold standard tubes.

Even in the small and light configuration the nitrogen purged fully aluminum housing, the LUX-14 is robust and hence a reliable tool in any weather conditions. The image quality has also been optimized to give operators a clear, bright image in low light settings.

External power port that allows you to connect it to a GSCI MVP-240 battery pack or any other source of portable power source.

## ADVANTAGES OF THE LUX-14



Designed, Developed, Manufactured by GSCI Advanced Photonics

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DISCLAIMER. Technical description, certain optical-electronic-mechanical features of the product shown herein and/or some of its parts/components may not precisely represent the actual device and are subject to change without prior notice by the sole discretion of General Starlight Co., Inc. Mass of the product represents measurable weight of all components this product consists of, such as optics, mechanics, and electronics. Dimensions of the product represents measurable size of the body, including all optical components attached and in fully folded position. Dimensions of additions such as mounting brackets, eyecups, objective lens covers, and/or battery extensions may vary and therefore are not listed herein. Copyright © 1992-2023 General Starlight Co., Inc. Canada. All rights reserved.



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## TECHNICAL DATA †

|                              |                         |
|------------------------------|-------------------------|
| Optical Magnification        | 1X                      |
| Objective Lens               | 27mm, f/1.2             |
| Field Of View **             | 40°                     |
| Focusing Range               | 0.25m .. Infinity       |
| Diopter Adjustment Range     | -6 .. +2                |
| Digital Push Button Controls | Yes                     |
| Built-In IR Illuminator      | Yes: 950 nm             |
| IR-On Indicator              | Yes: concealed into FOV |
| 3-Position Switch            | Yes: Off / On / IR      |
| Bright Light Protection      | Yes                     |
| Bright Light Sensor          | Built-In                |
| Low Battery Indicator        | Yes: concealed into FOV |
| Stow Safety Feature          | Yes                     |
| Flip-Up-Off Feature          | Yes                     |
| Power Source *               | 1pc AA / MVP-240        |
| External Power Port          | Optional: 4VDC .. 15VDC |
| Battery Life on 1x AA        | 40 Hours                |
| Battery Life on MVP-240      | 240 Hours               |
| Environmental Protection     | Waterproof              |
| Dimensions                   | 108x58x51mm             |
| Weight **                    | 202 grams               |
| Operating Temperature        | -40°C .. +50°C          |
| Made In Canada               | ITAR-Free               |

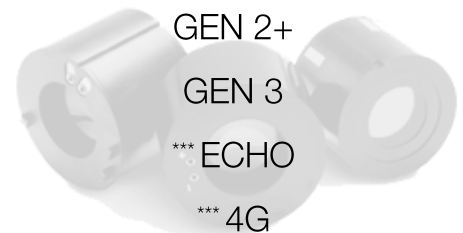
† Specifications are presented for optical-electronic-mechanic assemblies only and do not include technical characteristics of image intensifier tubes.

\*\* Field Of View (FOV) values are valid if the system is equipped with an 18mm Image Intensifier Tube

\* Batteries not included

\*\* Weight of the unit excludes an IIT due to its weight variations. Typical weight of an IIT is between 70 and 85

## IMAGE INTENSIFIER TUBES



Autogating and White Phosphor options are available with selected tubes. Contact us for more details.



## PHOTONIS

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# ADVANCED TACTICAL NIGHT VISION MONOCULAR LUX-14



LUX-14L Model Shown Throughout

## DISTINCTIVE FEATURES



### Extended Range Observation

*Accepts Afocal Objective Lenses with 3X and 5X Optical Magnification*



### Picatinny Mounting

*The LUX-14 can be mounted on Picatinny Rail by using DQRM-14 mount.*



ON

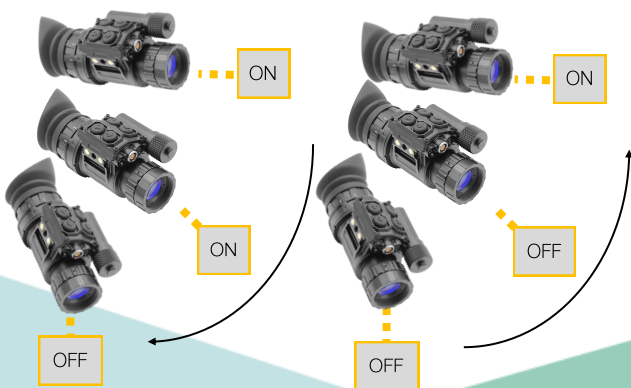


OFF

### Flip-Up Off Feature

*When Mounted on a Flip-Up Head Gear or a Helmet Mount\*, LUX-14C Turns Off Once in Flip-Up Position.*

*\*Flip-Up Feature works only with purposely designed helmet mounts and J-Arms.*



### Stow Safety Feature

*If Activated, The SSF Feature Shuts Off the Unit once it is Stowed and Powers the Unit Back Up when it is Returned Back to the Horizontal Position. SSF is Used to Stay Covert in Night-Time Operations.*



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# ADVANCED TACTICAL NIGHT VISION MONOCULAR LUX-14



LUX-14L Model Shown Throughout

## DISTINCTIVE FEATURES (Continued)

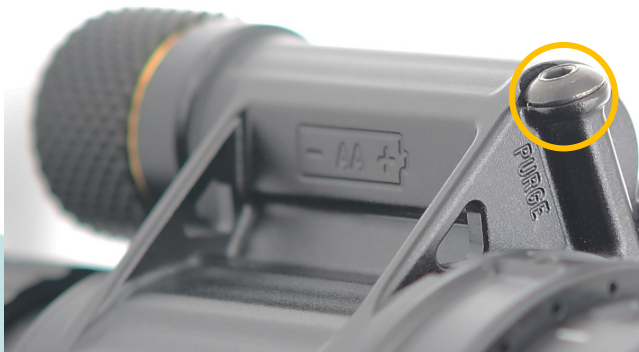
### External Power Port in the LUX-14

Along with conventional AA Batteries the LUX-14 by default can be powered from external power sources such as the universal battery pack MVP-240, USB Power Banks and USB outlets, or a 12V Car Power Supply.



### Nitrogen Purging Housing of the LUX-14

Small housing with great capabilities. Compact configuration of the aluminum housing still has a place for a crucial element, the nitrogen purging valve, which makes the LUX-14 the most robust and hence a reliable tool in any weather conditions.



### Variety of Mounting Options

The LUX-14 has a universal mounting thread 1/4"-20 for tripod and J-Arm mounting. It can be used with CAS-14 Smartphone Camera Adapter, for image recording on the go.



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## STANDARD EQUIPMENT: WHAT'S IN THE BOX

|    |   |
|----|---|
| 1  | Night Vision Monocular  |
| 2  | Rubber Eyecup ( <i>Installed on the Device</i> ) + Retaining Ring           |
| 3  | Demist Shield   |
| 4  | Sacrificial Window  |
| 5  | Stow Safety Feature ( <i>Integrated</i> )                                   |
| 6  | Rubber Daytime Filter with Training Hole ( <i>Installed on the device</i> ) |
| 7  | Neck Cord   |
| 8  | Soft Carrying Pouch   |
| 9  | User Manual   |
| 10 | Waterproof Hard Case  |
| 11 | 7-Year Warranty with Activation Form  |
| 12 | Cleaning Kit (3-in-1 Multi-Pen + Soft Cleaning Cloth)                       |

## OPTIONAL EQUIPMENT

|   |  |
|---|--|
| A | GSCI-VIVID Lightweight High-Performance Front and Rear Optics (Model Name: LUX-14L)                  |
| B | Advanced Helmet Harness HMH-1 for MICH / ACH Helmets   |
| C | Adjustable Dual-Quick Release Weapon Mount DQRM-14   |
| D | 3X Magnification Afocal Add-On Objective Lens SL-3: Snap-On or Screw-In                              |
| E | 5X Magnification Afocal Add-On Objective Lens SL-5: Snap-On or Screw-In                              |
| F | Smartphone Camera Adapter CAS-14   |
| G | Universal Multi-Voltage Battery Pack MVP-240 (for models with external power port only)              |
| H | MTAR™-HUD Multi-Task Heads Up Display with Video Recorder, GPS and 9-Axis Readings.                  |
| I | Tactical Infrared Illuminator IR-250S. Kit Includes IR-250S (850nm), Remote Control, Picatinny Mount |