



ADVANCED PHOTONICS

# ADVANCED TACTICAL NIGHT VISION MONOCULAR LUX-14L

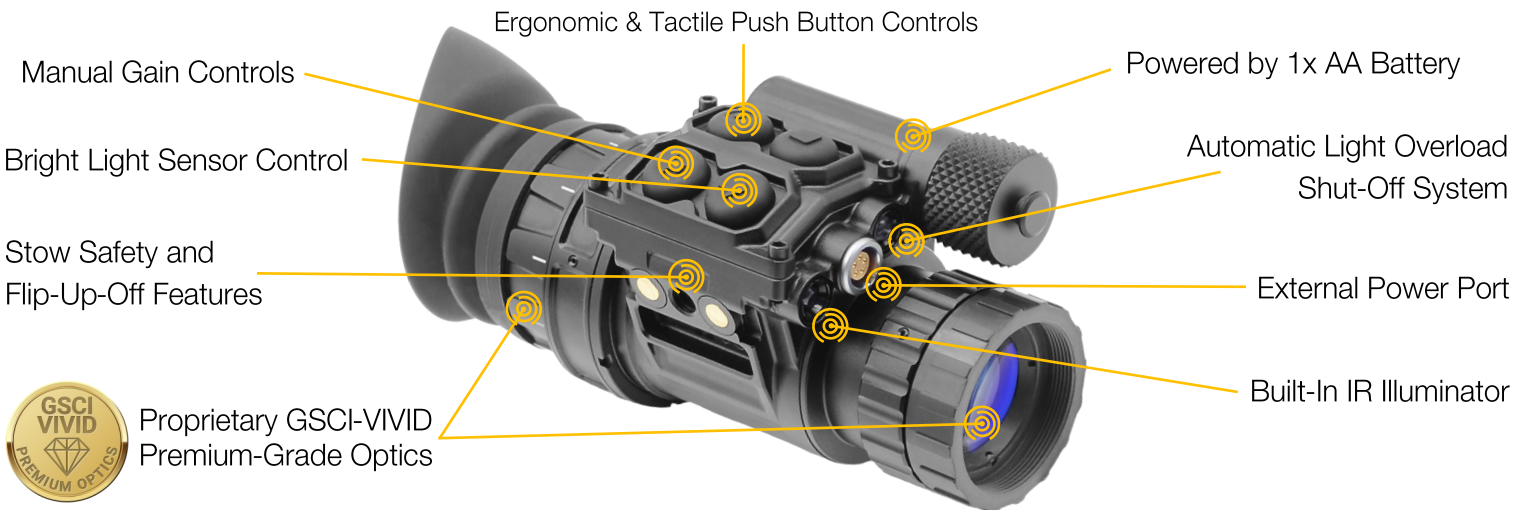
The LUX-14L is an upgraded version of the traditional night vision monocular system. This innovative instrument is widely used for a variety of tasks and operations, being the result of our most recent technological breakthroughs, feedback from expert users, and GSCI's engineering achievements over 30 years.

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.

You also have access to an external power port that allows you to connect it to the GSCI MVP-240 battery pack or any other source of portable power.

The LUX-14L features proprietary GSCI-VIVID high-performance proprietary front and rear optics - the lightest optics available on the market today and offers a crystal-clear image. This system is one of the lightest and compact models in the world.

## ADVANTAGES OF THE LUX-14L



**Designed, Developed, Manufactured by GSCI Advanced Photonics**  
120 WHITMORE ROAD, UNIT 20, WOODBRIDGE, ONTARIO, L4L6A5, CANADA  
WWW.GSCI.NET | GSCI@GSCI.NET | +1.905.850.0990

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 †

Proprietary GSCI-VIVID Premium Optics	Yes
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	104x58x51mm
Weight **	162 grams
Operating Temperature	-40°C .. +50°C
Made In Canada	ITAR-Free

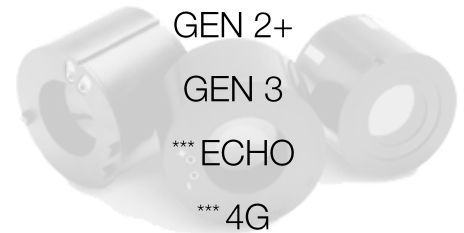
† Specifications are presented for optical-electronic-mechanic assemblies only and do not include technical characteristics of image intensifier tubes.

†† 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 grams as per IIT manufacturers' specifications.

## IMAGE INTENSIFIER TUBES



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



## PHOTONIS

\*\*\* ECHO and 4G are the registered trademarks of Photonis Technologies S.A.S.

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## 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

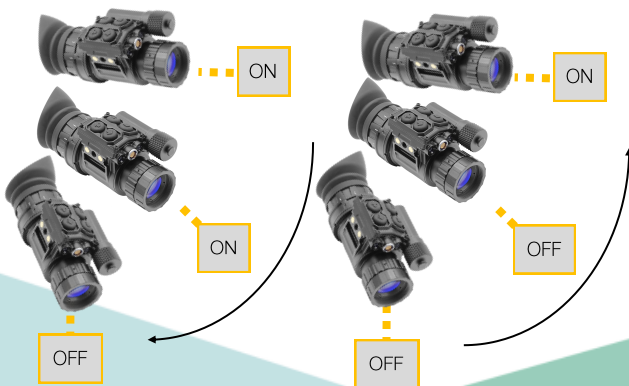


OFF

### Flip-Up Off Feature

*When Mounted on a Flip-Up Head Gear or a Helmet Mount\*, PVS-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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## DISTINCTIVE FEATURES (Continued)

### External Power Port in the LUX-14L

Along with conventional AA Batteries the LUX-14L 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-14L

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-14L the most robust and hence a reliable tool in any weather conditions.



### Variety of Mounting Options

The LUX-14L 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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NIGHT VISION MONOCULAR  
**LUX-14L**

**STANDARD EQUIPMENT: WHAT'S IN THE BOX**

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