



ADVANCED PHOTONICS

ADVANCED TACTICAL NIGHT VISION MONOCULAR LUX-14™L

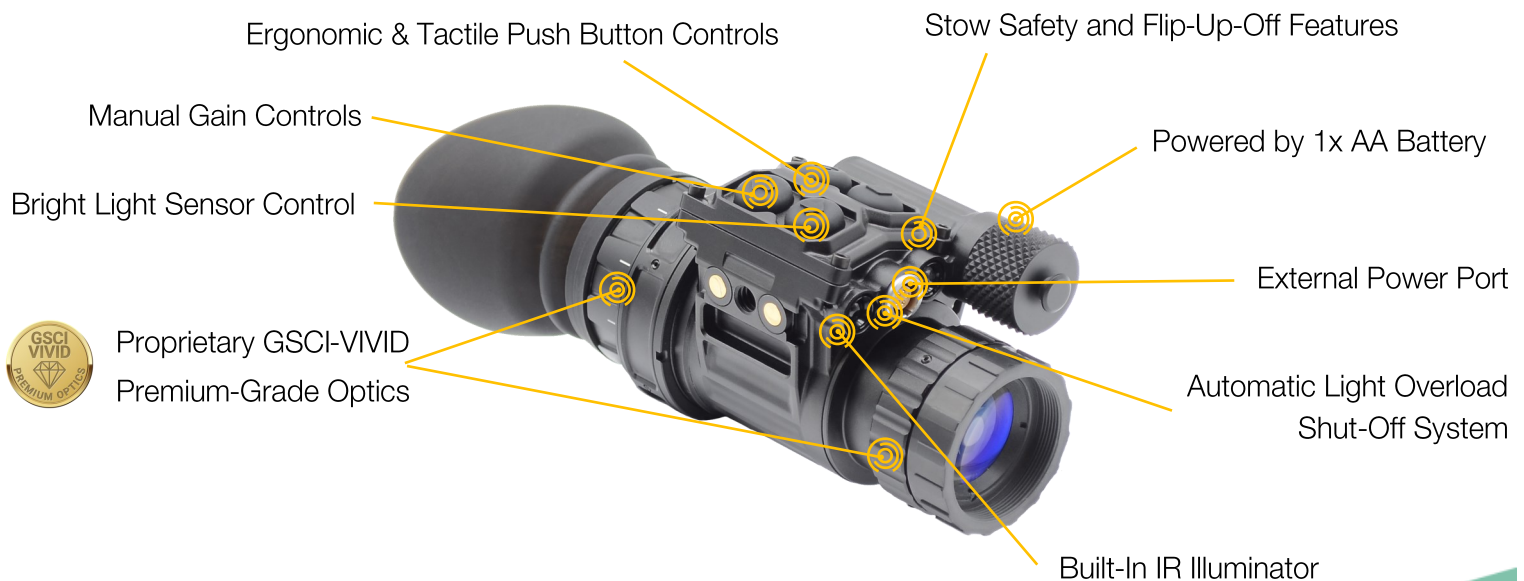
The LUX-14™L is an upgraded version of the traditional night vision monocular system. This innovative instrument is widely used for a variety of tasks and operations, being the result of our most recent technological breakthroughs, feedback from expert users, and GSCI's engineering achievements over 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 with 18mm gold standard tubes.

The unit can be equipped with an external power port that allows to connect it to the MVP-240™ battery pack or any other portable source of portable power.

The LUX-14™L features proprietary GSCI-VIVID high performance front and rear optics—the lightest optics available on the market today and offers a crystal-clear image.

ADVANTAGES OF THE LUX-14™L



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 © 1992-2024 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
Adjustable IR Illuminator Intensity	Yes: 3 Stages
Adjustable Light Sensor Sensitivity	Yes: 3 Stages
Programmable Automatic Shutdown	Yes: 10 .. 60 Minutes of Inactivity
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

IMAGE INTENSIFIER TUBES



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



PHOTONIS

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† 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.



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DISTINCTIVE FEATURES



Extended Range Observation

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



Picatinny Mounting

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



ON

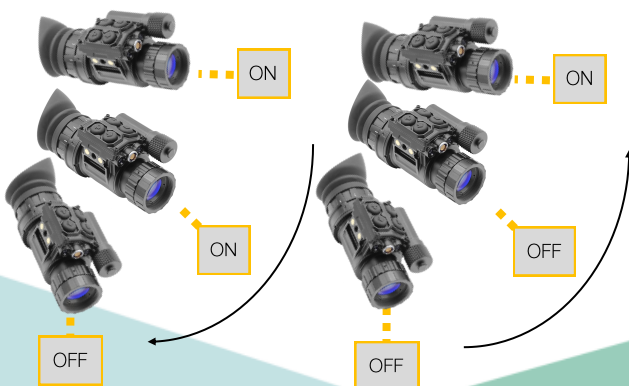


OFF

Flip-Up Off Feature

When Mounted on a Flip-Up Head Gear or a Helmet Mount, LUX-14™L 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-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 Equipped with GSCI-VIVID Light-Weight High-Performance Front and Rear Optics
2	Rubber Eyecup (<i>Installed on the Device</i>)
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	Cleaning Kit (<i>3-in-1 Multi-Pen + Soft Cleaning Cloth</i>)

OPTIONAL EQUIPMENT

A	MTAR™-HUD Multi-Task Heads Up Display with Video Recorder, GPS and 9-Axis Readings
B	Advanced Helmet Mount GR8™
C	J-Arm Adapter Interface
D	Integrated Power Port (<i>for MVP-240™ and other sources of external power</i>)
E	Hard Carrying Case: Waterproof with Foam Insert
F	Advanced Helmet Harness HMH-1 for MICH / ACH Helmets
G	Adjustable Dual-Quick Release Weapon Mount DQRM-14
H	3X Magnification Afocal Add-On Objective Lens SL-3: Snap-On or Screw-In
I	5X Magnification Afocal Add-On Objective Lens SL-5: Snap-On or Screw-In
J	Smartphone Camera Adapter CAS-14
K	Universal Multi-Voltage Battery Pack MVP-240™ (<i>for models with external power port only</i>)
L	Tactical Infrared Illuminator IR-250S. Kit Includes IR-250S (850nm), Remote Control, Picatinny Mount