



ADVANCED PHOTONICS

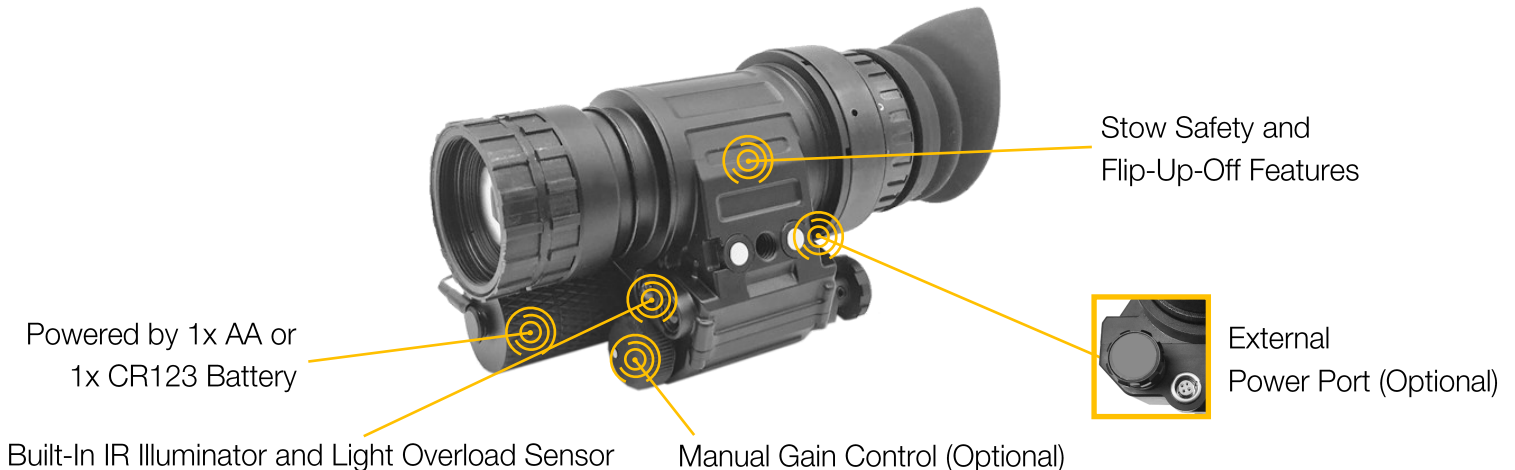
TACTICAL  
NIGHT VISION MONOCULARS

# PVS-14C

GSCI Advanced Photonics has proudly designed and built the PVS-14C, an advanced version of the traditional night vision monocular system. It's widely used for various tasks and operations and is the result of our newest technological advancements, feedback from professional users, and 30+ years of GSCI's engineering experience.

The PVS-14C works excellent in both urban/close-quarters areas, as well as remote rural areas with challenging terrain and obstructions - making it a multi-role device you can use as a hand-held device, tripod mounted, headgear or helmet-mounted hands-free monocular, or as a stand-alone weapon-mounted system. You also have the choice of equipping it with 3x or 5x lenses for extended range observation. Plus, you can connect it to a GSCI MVP-240™ battery pack or other portable power sources thanks to the optional external power port. Manual gain control is also available to give you maximum viewing comfort with minimal strain on your eye.

## ADVANTAGES OF THE PVS-14C



### KEY FEATURES

- ◆ Universal Night Operations Tool
- ◆ Unique Safety Features
- ◆ Extended Range Observation
- ◆ Multi-Use System Design
- ◆ Accepts External Power Sources
- ◆ Preferred choice of NATO forces



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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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# TACTICAL NIGHT VISION MONOCULAR PVS-14C

## 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
Built-In IR Illuminator	Yes: 950 nm
IR-On Indicator	Yes: concealed into FOV
Manual Gain Control	Yes: Optional
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 / 1pc CR123 / MVP-240™
External Power Port	Optional: 4VDC .. 15VDC
Battery Life on 1x AA / 1x CR123	40 Hours
Battery Life on MVP-240™	240 Hours
Environmental Protection	Waterproof
Dimensions	109x62x53mm
Weight **	230 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

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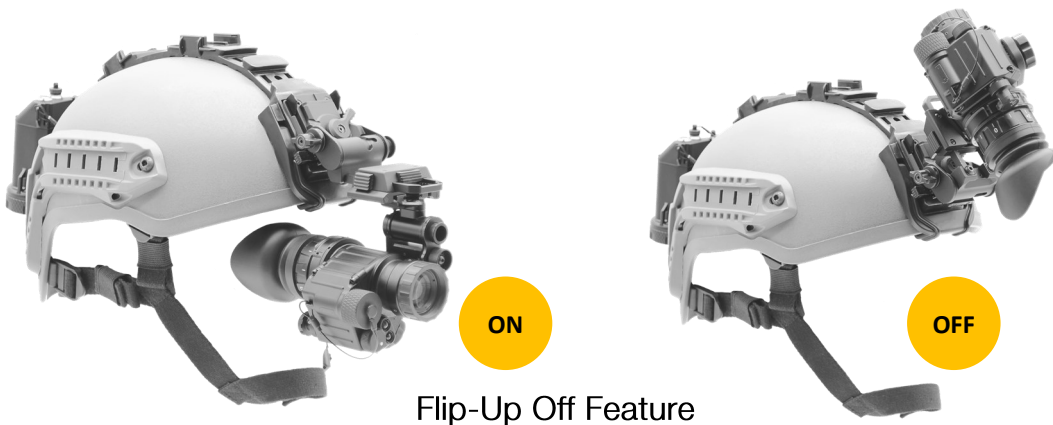
# PVS-14C

## DISTINCTIVE FEATURES



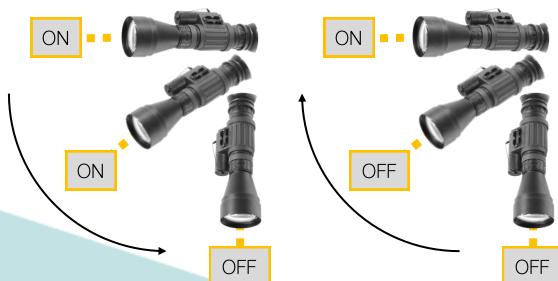
### Extended Range Observation

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



### 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.*



### 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.*



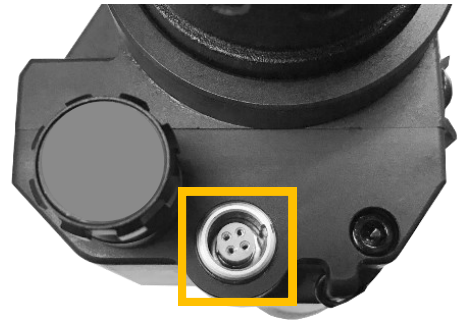
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# TACTICAL NIGHT VISION MONOCULAR PVS-14C

## DISTINCTIVE FEATURES (Continued)

### External Power Port. Model Name: PVS-14C-MOD

Along with conventional AA and CR123 Batteries PVS-14C Can be Powered From External Power Sources Such as USB Power Banks, the universal power pack MVP-240™ or a 12V Car Power Supply.



4 x AA Batteries

4 x AA Batteries



The device available with two sets of front and rear optics: the standard MIL-SPEC PVS-14 and GSCI-VIVID MIL-SPEC premium lightweight optics



Lower Profile  
40 Grams Lighter  
Clearer Image





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# PVS-14C

## STANDARD EQUIPMENT: WHAT'S IN THE BOX

1	Night Vision Monocular
2	Rubber Eyecup ( <i>Installed on the Device</i> )
3	Demist Shield
4	Sacrificial Window
5	Stow Safety Feature ( <i>Integrated</i> )
6	AA Battery Extension Adapter ( <i>Installed on the Device</i> )
7	Rubber Daytime Filter with Training Hole ( <i>Installed on the Device</i> )
8	Neck Cord
9	Soft Carrying Pouch
10	User Manual
11	Cleaning Kit ( <i>3-in-1 Multi-Pen + Soft Cleaning Cloth</i> )

## OPTIONAL EQUIPMENT

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