



ADVANCED PHOTONICS

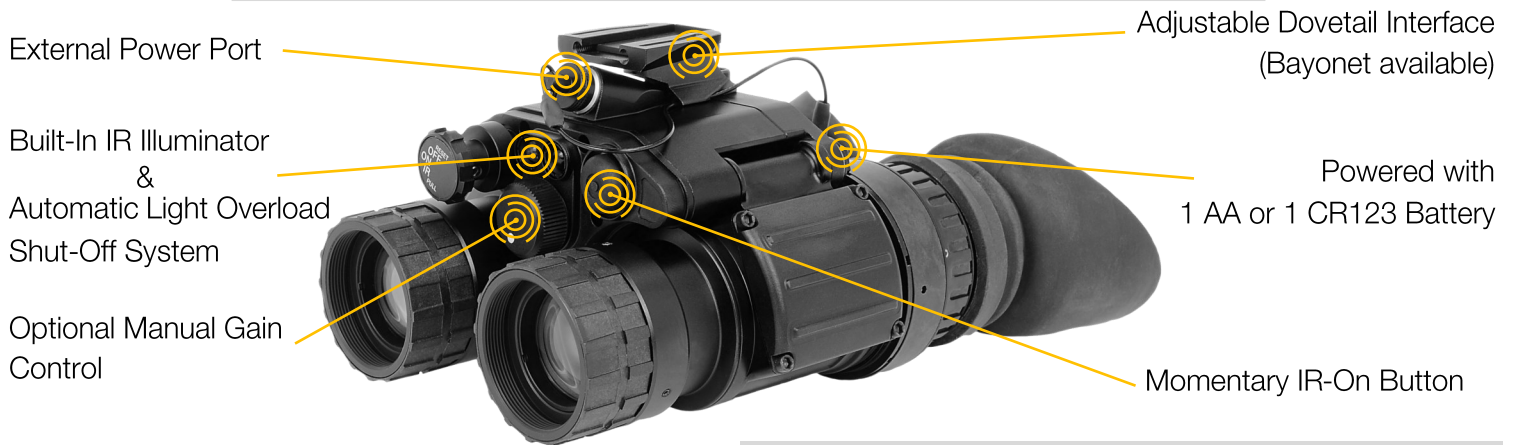
## DUAL-TUBE TACTICAL NIGHT VISION GOGGLES

# PVS-31C-MOD

Experience the superior situational awareness of the PVS-31C-MOD, proudly made by GSCI Advanced Photonics. This dual-tube goggle system has an ergonomic low-profile design and is equipped with the latest technological advancements and perfected over 30 years of GSCI's engineering experience. Built for durability, it includes a lightweight and rugged housing combined with advanced multi-coated optics for exceptional image quality and can withstand up to the weight of a pick-up truck and a drop from two meters. Other unique operational features, such as instant IR [Morse Code Capability], standard IR [Map Reading / Zero Light Capability], external battery power port, flip-up off, selective channel engagement and stow safety provide remarkable performance and reliability.

With numerous optional accessories such as magnification lenses, head mounting systems, battery packs (including the MVP-240™) and recording devices - it can also accept 1xAA and 1xCR123 batteries - you will find this NVG to be the primary choice of multiple users including law enforcement and military agencies worldwide.

### ADVANTAGES OF THE PVS-31C-MOD



#### KEY FEATURES

- ◆ Universal Night Operations Tool
- ◆ Unique Safety Features
- ◆ Extended Range Observation
- ◆ High Situational Awareness
- ◆ Accepts External Power Sources
- ◆ Preferred choice of NATO forces

*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  
80 Grams Lighter  
Clearer Image*

**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 © 1992-2024 General Starlight Co., Inc. Canada. All rights reserved.



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# PVS-31C-MOD

## TECHNICAL DATA †

Optical Magnification	1X
Objective Lens Focal Length	27mm
Field Of View ††	40°
Focusing Range	0.25m .. Infinity
Diopter Adjustment Range	-6 .. +2
Interpupillary Adjustment	50mm .. 90mm
Built-In IR Illuminator	Yes, 950nm
Momentary IR-On Button	Yes
IR-On Indicator	Yes
Manual Gain Control (MGC)	Optional
3-Position Switch	Yes: Off / On / IR
Bright Light Protection	Yes
Bright Light Sensor	Yes
Low Battery Indicator	Yes: concealed into FOV
Stow Safety Feature	Yes
Flip-Up-Off Feature	Yes
Selective Channel Engagement	Yes
Power Source *	1pc AA / 1pc CR123 / MVP-240™
Battery Life on 1x AA / 1x CR123	40 Hours
Battery Life on MVP-240™	240 Hours
External Power Supply	4VDC .. 15VDC
Environmental Protection	Waterproof
Dimensions	108x105x70mm
Weight **	465 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

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

† 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.

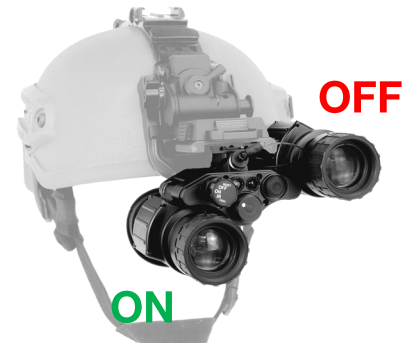
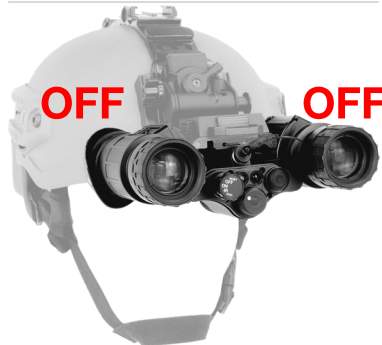
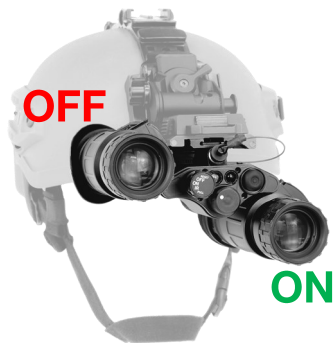


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# PVS-31C-MOD

## DISTINCTIVE FEATURES



### Selective Channel Engagement

*Swiveling a Night Vision Channel Up Disengages It: PVS-31C-MOD Can Effectively Become Single-Eye Goggle System.*



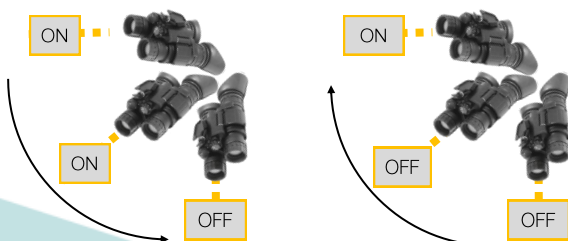
### Extended Range Observation

*PVS-31C-MOD Accepts Afocal Objective Lenses with 3X and 5X Optical Magnification that are Attached to the Existing 1X Lenses.*



### External Power Port

*Along with conventional AA and CR123 Batteries PVS-31C-MOD Can be Powered From External Power Sources Such as GSCI MVP-240™, USB Power Banks and 12V Car Power Supply.*



### 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.*



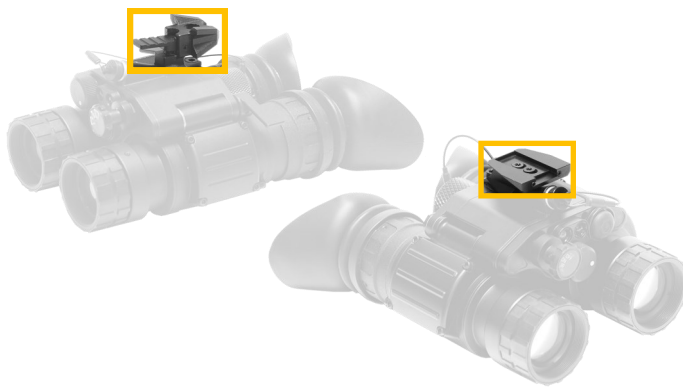


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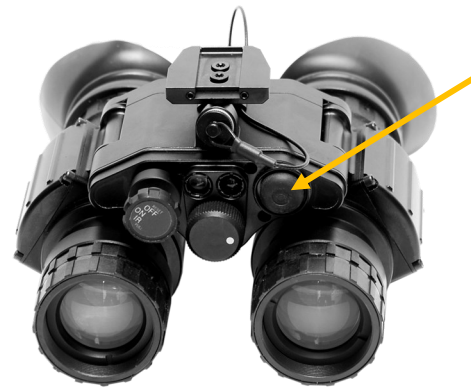
# PVS-31C-MOD

## DISTINCTIVE FEATURES (CONTINUED)



### Compatibility with Head Gears and Helmet Mounts

*PVS-31C-MOD is available with Dovetail and Bayonet style mounts.*



### Momentary IR-On Button

*Allows to Instantly Engage IR Illuminator to Quickly Illuminate a Certain Area or Send a Morse-Code Signal to a Team Member.*



**ON**



**OFF**

### Flip-Up Off Feature

*When Mounted on a Flip-Up Head Gear or a Flip-Up Helmet Mount, PVS-31C-MOD Turns Off Once in Flip-Up Position.*



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## STANDARD EQUIPMENT: WHAT'S IN THE BOX

1	Dual-Tube Night Vision Goggles with Bayonet or Dovetail Bracket ( <i>Installed on the Device</i> )
2	Rubber Eyecups ( <i>2pcs, Installed on the Device</i> )
3	Sacrificial Window ( <i>2pcs</i> )
4	Stow Safety Feature ( <i>Integrated</i> )
5	AA Battery Extension Adapter ( <i>Installed on the Device</i> )
6	Rubber Daytime Filter with Training Hole ( <i>Installed on the Device</i> )
7	Adjustment Kit ( <i>Allen Key + Mini-Wrench</i> )
8	USB Power Cable
9	Neck Cord
10	Soft Carrying Pouch
11	User Manual
12	Cleaning Kit ( <i>3-in-1 Multi-Pen + Cleaning Cloth</i> )

## OPTIONAL EQUIPMENT

A	GSCI-VIVID Lightweight High-Performance Front and Rear Optics ( <i>Model Name: PVS-31CL-MOD</i> )
B	Advanced Helmet Mount GR8™
C	Advanced Helmet Harness HMH-1 for MICH / ACH Helmets
D	Hard Carrying Case: Waterproof with Foam Insert
E	Universal Multi-Voltage Battery Pack MVP-240™
F	Smartphone Camera Adapter CAS-14
G	3X Magnification Afocal Add-On Objective Lens SL-3: Snap-On or Screw-In
H	5X Magnification Afocal Add-On Objective Lens SL-5: Snap-On or Screw-In
I	Tactical Infrared Illuminator IR250S. Kit Includes IR250S ( <i>850nm</i> ), Remote Control, Picatinny Mount
J	Digital HD Recorder with Built-In Display and Video Output NVR-714-D



**Designed, Developed, Manufactured by GSCI Advanced Photonics**  
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 WWW.GSCI.NET | GSCI@GSCI.NET | +1.905.850.0990

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