



ADVANCED PHOTONICS

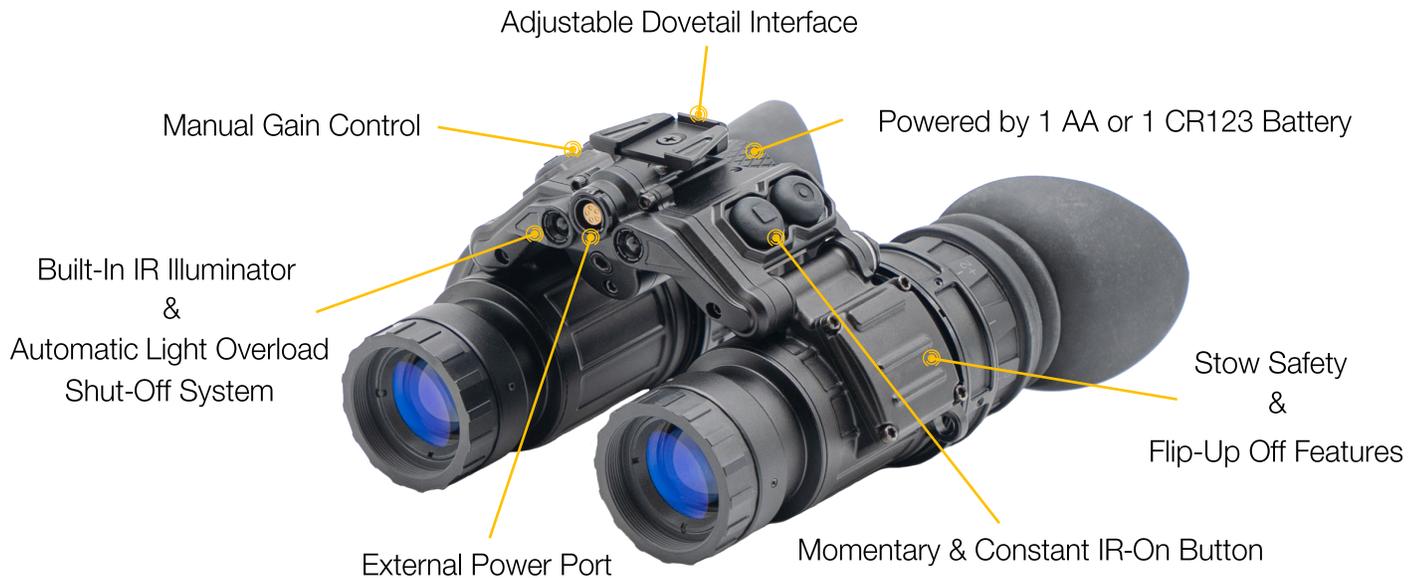
DUAL-TUBE TACTICAL  
NIGHT VISION GOGGLES

# PVS-31C-4B

Experience the superior situational awareness of the PVS-31C-4B, 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 an array of optional accessories including magnification lenses, head mounting systems, battery packs (Including MVP-240™), and recording devices, the unit accommodates 1xAA and 1xCR123 batteries. This NVG has emerged as the preferred choice among numerous users, including law enforcement, and military agencies worldwide.

## ADVANTAGES OF THE PVS-31C-4B



**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 ‡

Optical Magnification	1X
Objective Lens Focal Length	27mm
Field Of View ††	40°
Focusing Range	0.25m .. Infinity
Diopter Adjustment Range	-6 .. +2
Interpupillary Adjustment Range	50mm .. 90mm
Digital Push Button Controls	Yes
Built-In IR Illuminator	Yes
IR-On Indicator	Yes: Concealed into FOV
Manual Gain Control (MGC)	Yes, on Select Tubes
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
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™	120 Hours
External Power Supply	4VDC .. 15VDC
Environmental Protection	IP67, Nitrogen-Purged Housing
Dimensions	105x101x76mm
Weight **	391 grams***
Operating Temperature	-40°C .. +50°C
Country of Manufacturing	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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## DISTINCTIVE FEATURES (CONTINUED)



Compatibility with Head Gears and Helmet Mounts

*PVS-31-4B is Available with Dovetail Mount.*

*Paired with GR8™ Helmet Mount from the Factory*



*Ergonomic & Tactile Push Button Controls*

*Comes with Digital Push Button Controls that can be Easily Operated, Even While Wearing Tactical and Winter Gloves.*



Flip-Up Off & On Feature

*When Mounted on a Flip-Up Head Gear or a Flip-Up Helmet Mount with GR8™ Helmet Mount or Other Compatible Mounts PVS-31-4B Turns Off Once in Flip-Up Position. After Returning it to the Operational Position, the Device has a User-Configurable Setting to Automatically Turn Back On.*



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# PVS-31C-4B

## DISTINCTIVE FEATURES



### Selective Channel Engagement

*Articulating Night Vision Channel Up Disengages It: PVS-31-4B Can Effectively Become Single-Eye Goggle System.*



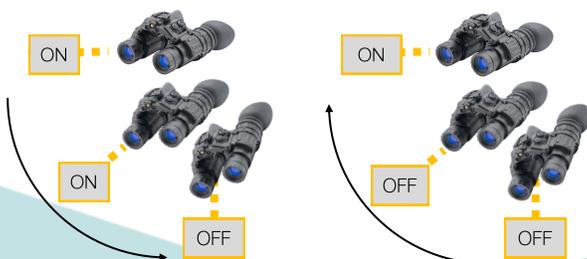
### Extended Range Observation

*PVS-31-4B 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-31-4B 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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## STANDARD EQUIPMENT: WHAT'S IN THE BOX

1	Dual-Tube Night Vision Goggles 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 Filters 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-31C-4B-MOD</i> )
B	Advanced Helmet Mount GR8™
C	Advanced Helmet Harness HMH-1 for MICH / ACH Helmets
D	Universal Multi-Voltage Battery Pack MVP-240™
E	Hard Carrying Case: Waterproof with Foam Insert
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



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