



ADVANCED PHOTONICS

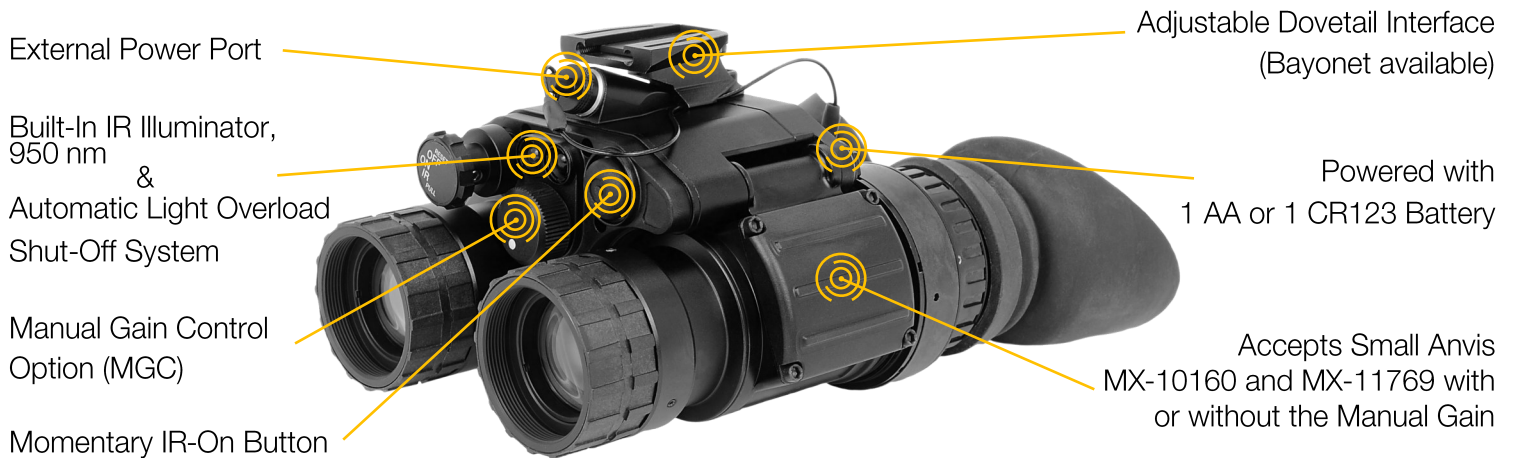
## DUAL-TUBE TACTICAL NIGHT VISION GOGGLES

# PVS-31C-MOD

PVS-31C-MOD is a versatile and easy-to-operate night vision dual-tube binocular-goggle unit with superior depth perception. It is actively used for conducting various tactical and combat operations in both rural and urban environments.

The PVS-31C-MOD combines ergonomic design with improved functionality and accommodates features such as a dedicated Instant-On-IR button: this enables to quickly and momentarily engage IR illuminator without having to operate the switch to communicate between crew members using Morse code. The connector located at the front of PVS-31C-MOD is used to supply power to the unit from almost any power source: external battery pack, USB power bank, 12V car socket and so on.

### 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



Designed, Developed, Manufactured by GSCI Advanced Photonics

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# PVS-31C-MOD

## TECHNICAL DATA

Optical Magnification	1X
Objective Lens Focal Length	27mm
Focusing Range	0.25m .. Infinity
Diopter Adjustment Range	-6 .. +4
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
Automatic Light Overload Shut-Off System	Yes
Low Battery Indicator	Yes
Stow Safety Feature	Yes
Flip-Up-Off Feature	Yes
Selective Channel Engagement	Yes
Power Source	1pc AA or 1pc CR123 **
Battery Life	40 Hours
External Power Supply	4VDC .. 15VDC

\*\* Batteries not included

## TECHNICAL DATA (CONTINUED)

Dimensions	108x105x70mm
Weight	595 grams
Operating Temperature	-40°C .. +50°C
Warranty	7 Years, Limited
Made In Canada	ITAR-Free



\* PVS-31C-MOD can be equipped with manual gain control (MGC) option depending on its availability in selected tube.

## IMAGE INTENSIFIER TUBES

GEN2+

GEN 3

‡ ECHO

‡ 4G

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

## PHOTONIS

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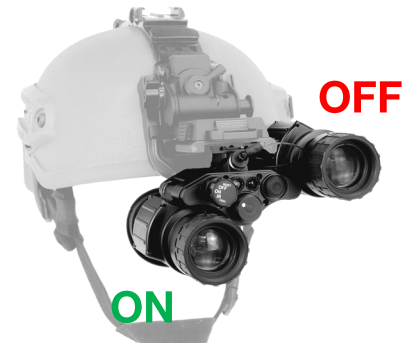
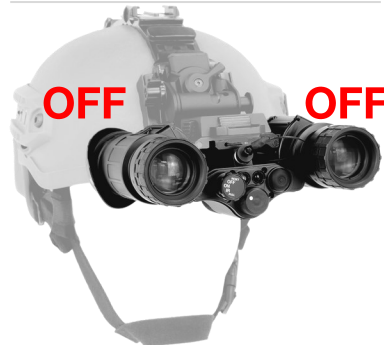
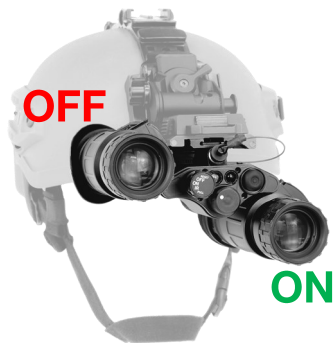


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# PVS-31C-MOD

## DISTINCTIVE FEATURES



### Selective Channel Engagement

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



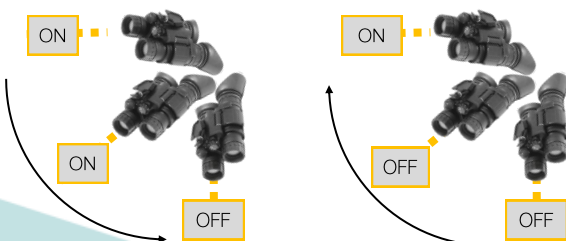
### Extended Range Observation

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 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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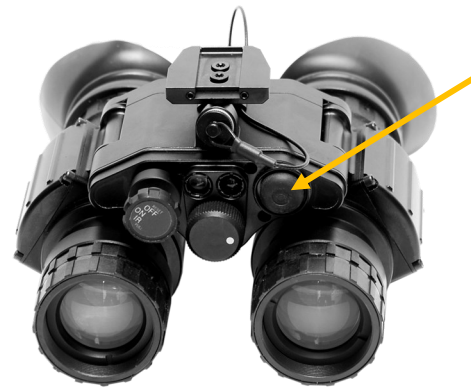
# PVS-31C-MOD

## 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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# PVS-31C-MOD

## STANDARD EQUIPMENT: WHAT'S IN THE BOX

1	Dual-Tube Night Vision Goggles with Bayonet <i>or</i> Dovetail Bracket Installed
2	Rubber Eyecups (2 <i>Installed on the device</i> ) + 2 Spare with Retaining Rings
3	Sacrificial Window (2pcs)
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: Allen Key + Mini-Wrench
8	USB Power Cable
9	Neck Cord
10	Soft Carrying Pouch
11	User Manual
12	Waterproof Hard Case
13	7-Year Warranty with Activation Form
14	Cleaning Kit (3-in-1 Multi-Pen + Cleaning Cloth)

## OPTIONAL EQUIPMENT

A	Advanced Helmet Mount Harness HMH-1
B	Tactical Infrared Illuminator IR250S. Kit Includes IR250S (850nm), Remote Control, Picatinny Mount
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
G	Digital HD Recorder with Built-In Display and Video Output NVR-714-D