



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 mostly used for conducting all kinds tactical 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. The device can also be powered by AA or CR123 battery that can be installed regardless of polarity - it is just one less thing to worry about in the dark environment.



KEY FEATURES

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

MAIN APPLICATIONS

- ◆ Defence
- ◆ Security
- ◆ Surveillance
- ◆ Border Patrol
- ◆ Navigation
- ◆ Reconnaissance



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DISCLAIMER. Technical description, view, weight, dimensions, some 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 Company, Inc.
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TECHNICAL DATA

Optical Magnification	1X
Objective Lens Focal Length	27mm
Objective Lens F-number	f/1.2
Field of View (FOV)	40°
Focusing Range	0.25m .. Infinity
Diopter Adjustment Range	-6 .. +4
Interpupillary Adjustment	50mm .. 90mm
Built-In IR Illuminator	Yes
Momentary IR-On Button	Yes
IR-On Indicator	Yes
Manual Gain Control (MGC)	Optional *
MIL-SPEC Switch	Yes
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
Any Polarity Battery Insertion	Yes
Battery Life	40 Hours
External Power Supply	4VDC .. 15VDC
Waterproof	IP67 or Better (Optional)

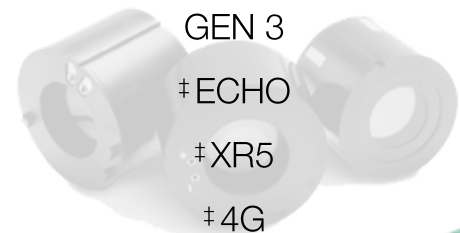
TECHNICAL DATA (CONTINUED)

Operating Temperature	-40°C .. +50°C
Warranty	7 Years, Limited
Export	Worldwide **



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

IMAGE INTENSIFIER TUBES



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

PHOTONIS

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** Canadian Export Permit Required. GSCI provides assistance in obtaining the Permit.



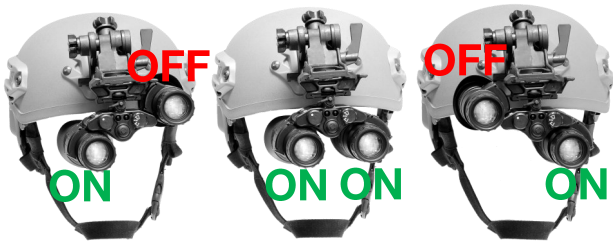
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DISTINCTIVE FEATURES



Selective Channel Engagement

Swiveling a Night Vision Channel Up Temporarily 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.



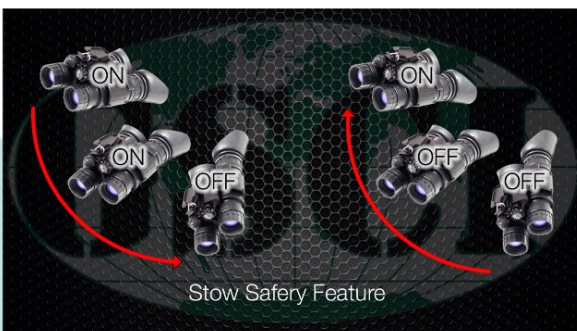
Polarity-Independent Power Supply

*PVS-31C-MOD is powered by AA and CR123 Batteries that can be inserted into device's battery compartment **regardless of polarity**: the device will operate normally thanks to its Power Supply.*



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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DISTINCTIVE FEATURES (CONTINUED)



Full 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 ACCESSORIES: WHAT'S IN THE BOX



PVS-31C-MOD
Goggles



Daytime
Filters



Demist
Shields



Sacrificial
Windows



USB Power
Cable



Shoulder Strap



AA Battery
Extender



Soft Pouch



Hard Waterproof
Case

OPTIONAL ACCESSORIES



Standard Head Gear PHG-7 (non-flip-up. Compatible with PVS-style adapter only, comes with 3 brow pads, 1-way adjustment)



Advanced Flip-Up Helmet Mount HM-714XM-C (Complete kit with straps. Available in both PVS-style and Dove-Tail style configurations, 4-way adjustment)



Advanced Flip-Up Helmet Mount HM-714XM-SR ("Shroud-Ready" version compatible with ops-core style helmets. Available in both PVS-style and Dove-Tail style configurations, 4-way adjustment)



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OPTIONAL ACCESSORIES (CONTINUED)



Low-Profile Flip-Up Helmet Mount HM-714LP-SR ("Shroud-Ready" version compatible with ops-core style helmets. Available in both PVS-style and Dove-Tail style configurations, 3-way adjustment)



Advanced Flip-Up Helmet Mount HM-714LP-C (Complete kit with straps. Available in both PVS-style and Dove-Tail style configurations, 3-way adjustment)



3X Magnification Afocal Objective Lens SL-3 (Attaches directly to the existing 1X objective lens)



5X Magnification Afocal Objective Lens SL-5 (Attaches directly to the existing 1X objective lens)