



# PVS-31C-MOD

## Dual-Tube Night Vision Goggles



### OVERVIEW

**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. 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 is 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

- ▶ Gen 2+, Gen 3, XR5 I<sup>2</sup> Tubes
- ▶ Selective Channel Engagement
- ▶ Rugged, Versatile, Ergonomic
- ▶ Universal Power Supply
- ▶ All-Aluminum Housing
- ▶ 7-Year Warranty
- ▶ Available for Export. ITAR-free



Developed and manufactured by  
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### PVS-31C-MOD Distinctive Features



#### Selective Channel Engagement

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



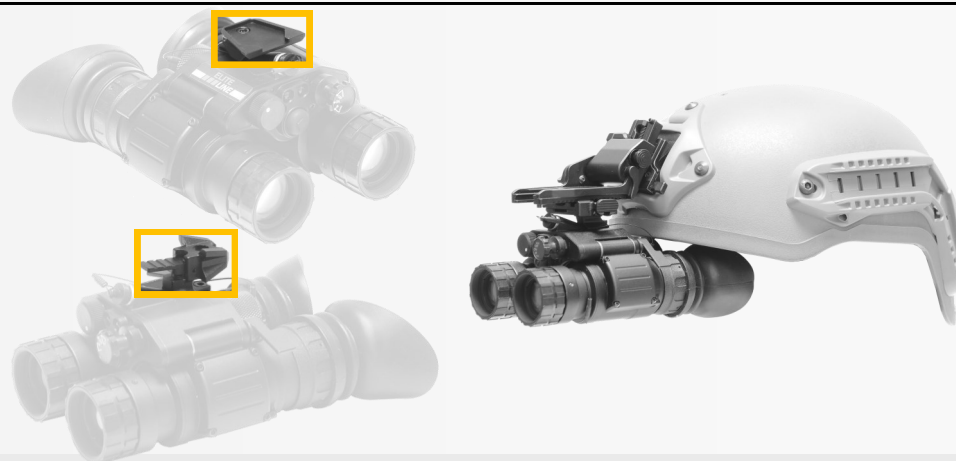
#### Extended Range Observation

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.



#### Fully Compatible with Head Gears and Helmet Mounts

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



# PVS-31C-MOD

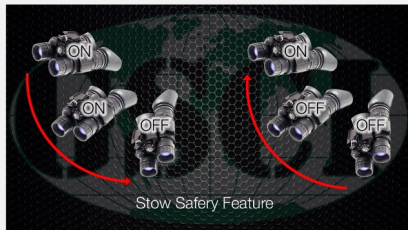
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### PVS-31C-MOD Distinctive Features



#### 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 (Optional)

*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.*



#### 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.*



#### 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 TECHNICAL DATA

Optical Magnification	1X
Objective Lenses	27mm, f/1.2
Field of View (FOV)	40°
Focusing Range	0.25m .. Infinity
Diopter Adjustment Range	-6 .. +4
Interpupillary Adjustment Range	50mm .. 90mm
Built-In IR Illuminator	Yes
Momentary IR-On Button	Yes
IR-On Indicator	Yes
Manual Gain Control	Optional *
Automatic Brightness Control	Yes
Bright Light Cut-Off	Yes
Automatic Shut-Off System	Yes
Any Polarity Battery Insertion	Yes
Stow Safety Feature	Optional
Selective Channel Engagement	Yes
Power Source	1pc AA or 1 pc CR123
Battery Life	
External Power Supply Voltage	4VDC .. 16VDC
Environmental Protection	IPX6 or Better (Optional)
Dimensions	
Weight	
Operating Temperature	-40°C .. +50°C



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

### IMAGE INTENSIFIER TUBES

Gen 2+, Gen 3, XR5

Contact us for tubes' specifications and availability

### List of Standard Equipment for PVS-31C-MOD: What's In the Box




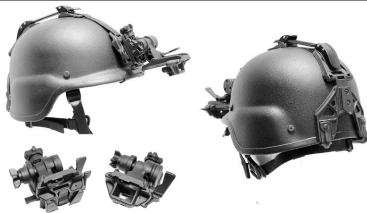
	PVS-31C-MOD Dual-Tube Goggles
	Daytime Filters (2 pcs)
	De-Mist Shields (2 pcs)
	Sacrificial Windows (2 pcs)
	Neck Cord
	USB Power Cable
	AA Battery Extender
	Soft Carrying Pouch
	Hard Carrying Case (High-End Gen 3, XR5 Models only)
	User Manual with 7-Year Warranty



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List of Optional Equipment for PVS-31C-MOD

	Standard Non-Flip-Up Head Gear <b>PHG-7</b>
	Flip-up Head Gear <b>HG-714M</b> (Requires and is compatible with PVS-style J-arm adapter only)
	Advanced Flip-Up Helmet Mount <b>HM-714XM-SR</b> ("Shroud-Ready" version compatible with ops-core style helmets)
	Advanced Flip-Up Helmet Mount <b>HM-714XM-C</b> (Complete kit with straps)

List of Optional Equipment for PVS-31C-MOD (Continued)

	Low-Profile Flip-Up Helmet Mount <b>HM-714LP-SR</b> ("Shroud-Ready" version compatible with ops-core style helmets).
	Advanced Flip-Up Helmet Mount <b>HM-714LP-C</b> (Complete kit with straps)
	3X Magnification Afocal Objective Lens <b>SL-3</b> (Attaches directly to the existing 1X objective lens)
	5X Magnification Afocal Objective Lens <b>SL-5</b> (Attaches directly to the existing 1X objective lens)
	Stow Safety Feature, <b>SSF</b> : built-in electronic solution to help an operator stay covert during night-time operations: turns off the IIT when it is rotated up or down in the vertical plane.