

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

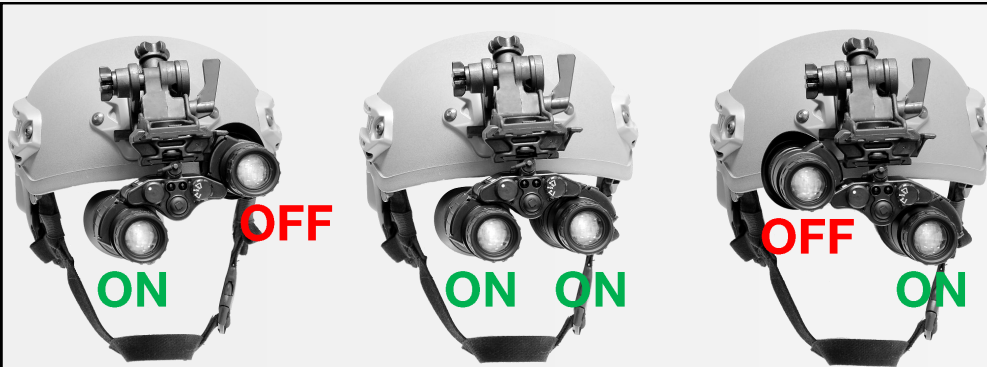
- ▶ Gen 2+, Gen 3, XR5, 4G I² Tubes
- ▶ Selective Channel Engagement
- ▶ Rugged, Versatile, Ergonomic
- ▶ Stow Safety Feature
- ▶ Universal Power Supply
- ▶ All-Aluminum Housing
- ▶ 7-Year Warranty
- ▶ Available for Export. ITAR-free



PVS-31C-MOD

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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

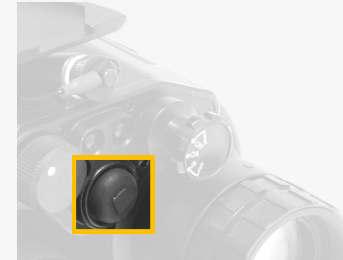
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PVS-31C-MOD Distinctive Features



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



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.



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.



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	Yes
Selective Channel Engagement	Yes
Power Source	1pc AA or 1 pc CR123
Battery Life	Up to 40 hours
External Power Supply Voltage	4VDC .. 15VDC
Environmental Protection	IP66 or Better (Optional)
Dimensions	112x105x70mm
Weight	675 grams
Operating Temperature	-40°C .. +50°C

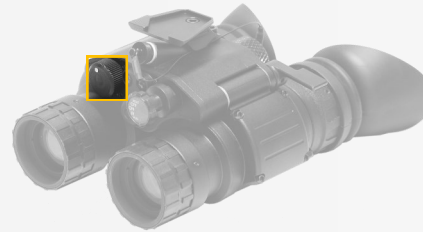


IMAGE INTENSIFIER TUBES

Gen 2+, Gen 3, XR5, 4G

Contact us for tubes' specifications and availability

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




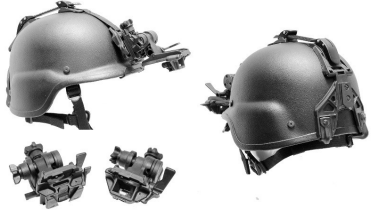
List of Standard Equipment for PVS-31C-MOD: What's In the Box

	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 (for High-End Gen 3, XR5, 4G Models only)
	User Manual with 7-Year Warranty





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List of Optional Equipment for PVS-31C-MOD

	<p>Standard Non-Flip-Up Head Gear PHG-7</p>
	<p>Flip-up Head Gear HG-714M</p>
	<p>Advanced Flip-Up Helmet Mount HM-714XM-SR (“Shroud-Ready” version compatible with ops-core style helmets)</p>
	<p>Advanced Flip-Up Helmet Mount HM-714XM-C (Complete kit with straps)</p>

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

	<p>Low-Profile Flip-Up Helmet Mount HM-714LP-SR (“Shroud-Ready” version compatible with ops-core style helmets.</p>
	<p>Low-Profile Flip-Up Helmet Mount HM-714LP-C (Complete kit with straps)</p>
	<p>3X Magnification Afocal Objective Lens SL-3 (Attaches directly to the existing 1X objective lens)</p>
	<p>5X Magnification Afocal Objective Lens SL-5 (Attaches directly to the existing 1X objective lens)</p>