PVS-31C

Dual-Tube Night Vision Goggles

GSCI

MADE IN CANADA · FABRIQUÉ AU CANADA

OVERVIEW

PVS-31C is a high-performance dual-tube type night vision binoculars. Precisely and ruggedly built housing and optics meet or exceed military specifications. PVS-31C can be used as handheld or with head gear, helmet mount assemblies for hands free use. Thanks to dual-tube design, PVS-31C delivers superior depth perception and allows using PVS-31C to operate various machines, boats etc., in addition to basic ground operations. A dual-tube night vision system has proved to be safer and more effective in low-light conditions compared to a "bi-ocular" system, commonly known as "PVS-7", which is a "one lens-two eyes" type of NVD.

KEY FEATURES

▶ Gen 2+ Image Intensifier Tubes

▶ Selective Channel Engagement

▶ Versatile and Ergonomic

▶ Stow Safety Feature

▶ All-Aluminum Housing

▶ 7-Year Warranty

▶ Available for Export. ITAR-free

ON

OFF

Developed and manufactured by
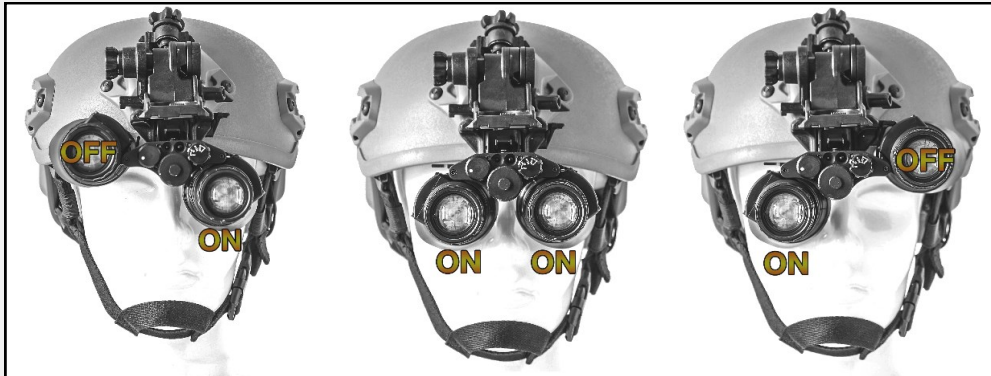**GENERAL STARLIGHT COMPANY INC.**
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Tel.: +1.905.850.0990 || E-mail: gsci@gsci1.com || Web: www.gsci1.com

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Distinctive Features

Selective Channel Engagement

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


Extended Range Observation

PVS-31C Accepts Afocal Objective Lenses with 3X and 5X Optical Magnification that are Attached to the Existing 1X Lenses.

Polarity-Independent Power Supply

*PVS-31C 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.*

Stow Safety Feature
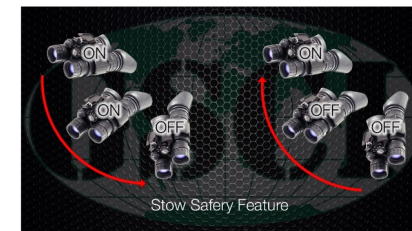
Stow Safety Feature

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 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	52mm .. 72mm
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
Environmental Protection	IP66 or Better (Optional)
Dimensions	105x125x65mm
Weight	650 grams
Operating Temperature	-40°C .. +50°C

* PVS-31C 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+

Contact us for tubes' specifications and availability

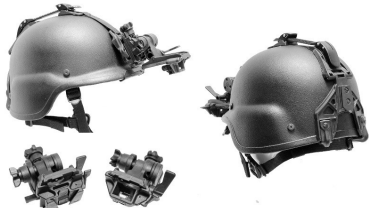| List of Standard Equipment for PVS-31C: What's In the Box	
	PVS-31C Dual-Tube Goggles
	Daytime Filters (2 pcs)
	De-Mist Shields (2 pcs)
	Sacrificial Windows (2 pcs)
	Neck Cord
	AA Battery Extender
	Soft Carrying Pouch
	User Manual with 7-Year Warranty

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List of Optional Equipment for PVS-31C	
	Standard Non-Flip-Up Head Gear **PHG-7**
	Flip-up Head Gear **HG-714M**
	Advanced Flip-Up Helmet Mount **HM-714XM-SR** ("Shroud-Ready" version compatible with ops-core style helmets)
	Advanced Flip-Up Helmet Mount **HM-714XM-C** (Complete kit with straps)

List of Optional Equipment for PVS-31C (Continued)	
	Low-Profile Flip-Up Helmet Mount **HM-714LP-SR** (PVS-style, "Shroud-Ready" version compatible with ops-core style helmets.
	Low-Profile Flip-Up Helmet Mount **HM-714LP-C** (Complete kit with straps)
	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)