



ADVANCED PHOTONICS

TACTICAL WIDE-FOV
NIGHT VISION MONOCULAR

PVS-1451C

The PVS-1451C is the wide field-of-view version of the legendary PVS-14C featuring 51-degree FOV and very high situational awareness: 71% higher compared to a standard 40-degree unit. It is a great choice for conducting combat operations, including dismounted terrain navigation in extremely low light conditions. The highly versatile PVS-1451C system can be used as a hand-held, hands-free single or dual-eye goggles, or as a night vision weapon system. Lightweight, rugged and waterproof, the PVS-1451C is a powerful performer in confined as well as open spaces.



KEY FEATURES

- ♦ Very Wide Field of View
- ♦ Universal Night Operations Tool
- ♦ Multi-Use System Design
- ♦ Unique Safety Features
- ♦ Extended Range Observation
- ♦ Preferred choice of NATO forces

MAIN APPLICATIONS

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



Designed, Developed, Manufactured by GENERAL STARLIGHT COMPANY INC.
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DISCLAIMER. Technical description, certain 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. Mass of the product represents measurable weight of all components this product consists of, such as optics, mechanics and electronics. Weight of Image Intensifier tubes may vary depending on the type and make of Image Intensifier tube being used and therefore is listed separately. Dimensions of the product represents measurable size of the body, including all optical components attached and in fully folded position. Dimensions of additions such as mounting brackets, eyecups, objective lens covers, and/or battery extensions may vary and therefore are not listed herein. Copyright © 1992-2020 General Starlight Co., Inc. Canada. All rights reserved.



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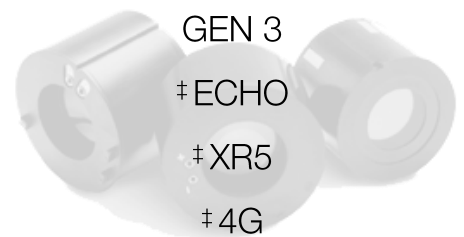
PVS-1451C



TECHNICAL DATA

Field of View (FOV)	51°
Focusing Range	0.25m .. Infinity
Diopter Adjustment Range	-2 .. +6
Built-In IR Illuminator	Yes
IR-On Indicator	Yes
Manual Gain Control (MGC)	Yes, Optional *
MIL-SPEC Pull-Action Switch	Yes
Bright Light Protection	Yes
Automatic Light Overload Shut-Off	Yes
Low Battery Indicator	Yes
Flip-Up-Off Feature	Yes
Power Source	1pc CR123
Battery Life	40 Hours
Environmental Protection	IP67
Nitrogen-Purge Housing	Yes
Dimensions	110x51x57mm
Weight	355 grams
Operating Temperature	-40°C .. +50°C
Warranty	7 Years, Limited
Export	Worldwide **

IMAGE INTENSIFIER TUBES



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



** PVS-1451C can be equipped with manual gain control (MGC) option depending on its availability in selected tube. Contact us for details.*

PHOTONIS

‡ ECHO, XR5 and 4G are the registered trademarks of Photonis Technologies S.A.S.

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

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STANDARD PACKAGE: WHAT'S IN THE BOX



PVS-1451C
Monocular



Daytime
Filter



Sacrificial
Window



Neck Strap



Soft Pouch



Hard Case

OPTIONAL ACCESSORIES



J-Arm Adapter Interface



Dual-Bridge Mount Adapter: Allows attaching two PVS-1451C monoculars



Standard Head Gear PHG-7 (non-flip-up. Requires J-arm adapter, comes with 3 brow pads, 1-way adjustment)



Advanced Flip-Up Helmet Mount HM-714XM-C (Complete kit with straps. Requires J-arm, 4-way adjustment)



Advanced Flip-Up Helmet Mount HM-714XM-SR ("Shroud-Ready" version compatible with ops-core style helmets. Requires J-arm, 4-way adjustment)



Low-Profile Flip-Up Helmet Mount HM-714LP-SR ("Shroud-Ready" version compatible with ops-core style helmets. Requires J-arm, 3-way adjustment)



Advanced Flip-Up Helmet Mount HM-714LP-C (Complete kit with straps. Requires J-arm, 3-way adjustment)

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OPTIONAL ACCESSORIES (CONTINUED)



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)



Quick Release Weapon Mount QR-14



Smartphone Camera Adapter CAS-14