



NIGHT VISION GOGGLES

FLIR PVS-7®



The PVS-7 is one of the most widely recognized and dependable Night Vision goggle systems due to its rugged, ergonomic design.

The PVS-7 is equipped with Automatic Brightness Control (ABC), which automatically adjusts the brightness of the image tube to achieve the highest quality image resolution under varying light conditions, as well as a built-in infrared illuminator that allows the user to operate in total darkness. The PVS-7 also has an excessive light cut-off feature that protects the image tube from bright light sources, and a flip-up shut-off feature when used with the optional helmet mount assembly. Lightweight, rugged, and versatile, the PVS-7 can be handheld, mounted to headgear, and helmet-mounted. The dismounted goggle can also be used as an excellent long range viewer with optional afocal magnifier lenses.

www.flir.com



EXCEPTIONAL VISION

Automatic brightness control (ABC) and built-in infrared illuminator

- PVS-7 is equipped with automatic brightness control (ABC), which automatically adjusts the brightness of the image tube to achieve the highest quality image under varying light conditions.
- Built-in IR illuminator enhances night vision and allows for reading in the dark.



COMPACT AND RUGGED

Perfect balance of size and performance

- Built with a tough, ergonomic composite housing.
- Simple, easy to operate controls.
- Can run up to 40 hours with two AA batteries.



VERSATILE DESIGN

Multiple viewing options accommodate rapidly changing field needs

- For hands-free operation, the PVS-7 includes head and helmet mounting options, it can be used as a night vision system that enables mobility, driving, short range surveillance, and low light reading.
- Use as a long range viewer with optional magnifier lenses.

SPECIFICATIONS

General	
Image intensifier tube	Gen 3
Magnification	1x (3x and 5x optional)
Lens system	27 mm; F/1.2
FOV	40°
Focus range	0.20m to Infinity
Exit pupil	15 mm
Diopter adjustment	-6 to +4 dpt
User Interface	
Function switch	On/ Off unit and built-in IR illuminator
Diopter adjustment ring	Adjusts the eyepiece diopter
Focus ring	Adjusts the objective lens focus
LED indicators	Indicates low battery and IR On
Features	
Manual gain control	Yes
Bright light cut-off	Yes
Low battery indicator	Yes
Infrared illuminator	Yes
Power	
Battery type	Two AA Alkaline (1,5V) or one BA-5567/U Lithium (3V)
Battery life (operating)	Lithium (BA-5567/U) - Up to 22 Hours (at 20°C) AA Alkaline - Up to 60 Hours (at 20°C)
Environmental	
Operating temperature range	-40°C to +50°C (-40°F to +122°F)
Storage temperature range	-50°C to +50°C (-58°F to +122°F)
Physical	
Weight	0.68 kg (1.4 lbs)
Overall Dimensions	200 × 152 × 90 mm (7.9 × 6.0 × 3.5 in)
Dimensions (without eyecup and lens cap)	147 × 152 × 90 mm (5.8 × 6.0 × 3.5 in)
Color (housing)	Black
Country of origin	USA

Specifications are subject to change without notice.
For the most up-to-date specs, go to www.flir.com

Package Includes

Night Vision Goggles, Lens Cap, Eyecup, Head Mount Assembly, Sacrificial Window, Demist Shields, Shoulder Strap, Neck Cord, Operation and Maintenance Manual, Lens Cloth, Soft Carrying Case

Optional Accessories

ANHM000005 – Norotos MICH Helmet Mount Assembly USA #107
ANHM000006 – Norotos PASGT Helmet Mount Assembly USA #108
ANAF3X0003 – 3x Afocal Mil-Spec Lens #99
ANAF3X000P – 3x Afocal Lens #22 with Adapter #24/#25
ANAF5X000P – 5x Afocal Lens with Adapter #24/#25
ANAMRF0003 – ARFS3 - Advanced Range-Finding Stadia for 3x Afocal Lens
ANAMRF0005 – ARFS5 - Advanced Range-Finding Stadia for 5x Afocal Lens
ANKIXLR017 – IR850-XLR Detachable Extra Long Range Infrared Illuminator w/ Dovetail to Weaver Transfer Piece #21, Rechargeable Battery, and Charger
ANHC000001 – Hard Shipping/Storage Case #101

FLIR OUTDOOR & TACTICAL SYSTEMS

9 Townsend West,
Nashua, NH 03063

Phone: 1-888-959-2259
or (603) 324-7600
Fax: 1-888-959-2260

FLIR PRODUCT REPAIR CENTER

email: US_CBUrepair@flir.com
Register on: customer.flir.com

ORDER PLACEMENT, RETURN TO STOCK & INQUIRIES

email: OTS-Orders@flir.com

PRODUCT REGISTRATION

flir.com/support-center/support-hq/

TECHNICAL SUPPORT

email: US_CBUsupport@flir.com

www.flir.com
NASDAQ: FLIR

Equipment described herein may require US Government authorization for export purposes. Diversion contrary to US law is prohibited. Imagery for illustration purposes only. Specifications are subject to change without notice, check our website: www.flir.com
©2018 FLIR Systems, Inc. All rights reserved.
Updated 11/22/2018

18-2290-OTS



The World's Sixth Sense™