

PVS-7 Goggle Generation 3 PINNACLE®

The PVS-7 (PVS-7B/D) is the standard issue goggle type supplied to the U.S. Military and its allies. Equipped with a factory new, high-performance, ITT Generation 3 **PINNACLE®** image intensifier tube, the PVS-7 Gen 3 **PINNACLE®** night vision goggle is designed for the most demanding of night time applications. Battle-proven technology includes 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 infra-red illuminator which allows the user to operate under zero light conditions. Lightweight and versatile, the PVS-7 Gen 3 **PINNACLE®** night vision goggle can be hand-held, head-mounted, and helmet-mounted. Standard accessories and System Data Sheet included.



PART #: MVP-MVPVS7-3P

Standard Accessories Included:

- **Head Mount Assembly** – Allows for hands free operation. Accommodates user's head size and eye positioning.
- **Medium & Thick Brow Pads** – Changeable pads.
- **Eye Cups** - Prevents the emission of stray light or facial reflections.
- **Lens Cap**
- **Soft Carrying Case** – Provides convenient storage.
- **Shoulder Strap** – Attaches to the PVS-7 carrying case for easy portability.
- **Lens Paper** – Used to lightly clean the objective and eyepiece glass surfaces.
- **Sacrificial Window**– Shields the optics from sand, air particles or anything that may scratch the lens.
- **Demist Shields** – Snaps onto the eyepiece to prevent condensation from forming on the optics.
- **Operators Manual** - Instructional users guide.
- **Batteries** – Two (2) AA
- **Data Sheet** – System Test Data Sheet

Features and Benefits:

- High resolution 64 lp/mm (Min) **PINNACLE®**, high gain and high photoresponse in visible and near infrared
- Multifunctional: Hand-held, head-mounted or helmet mounted.
- Lightweight only 24 oz w/ batteries
- Equipped with momentary or continuous IR switch
- Automatic high-light cutoff
- Comprehensive two-year warranty

Optional Accessories (not included):

- 3x Mil-Spec Magnifier Lens
- 5x Mil-Spec Magnifier Lens
- Helmet Mount Assembly (PASGT/MICH)
- Sacrificial Window
- Magnetic Compass
- SKB Mil-Standard Hard Case
- And more... (see website)

MOROVISION NIGHT VISION, INC.
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This data sheet is approved for unlimited release. Specifications subject to change without notice.

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LIGHT THE NIGHT™



SPECIFICATIONS: PVS-7 Goggle Generation 3 PINNACLE®

Intensifier Tube	Generation	3 U.S. (ITT PINNACLE®)
	Resolution	64 lp/mm (Min)
	Film	Thin
	Gate	Auto-Gated
Optics	Magnification	1x
	Field of View	40 ± 2°
	Objective Lens	F/1.2
	Eyepiece Lens	EFL 26mm
	Diopter Adjustment	+2 to -6 diopters
	Interpupillary Adjustment	55 to 71mm
Range of Focus	20cm to infinity ∞	
Power	Power Source	Two (2) AA size batteries
	Operating Time	Approx. 30 hrs at room temp.
Environmental Characteristics	Operating Temperature	-51° C to +52° C
	Storage Temperature	-51° C to +85° C
Physical Characteristics	Size:	
	Length	6 3/8"
	Height	3"
	Width	6"
	Weight:	
w/batteries	24 oz (680 grams)	
Warranty	System	Two (2) years

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