



PVS7

Night Vision Goggles

Night Vision System for long-range night observation
FOV 40°, typically more than 1200 with magnifying lenses, FOM.



Eye Cup Preventing
Light Leaking



Light weight



High Reliability



Light leaking
prevention



Image Fusion



Auto detection
of faults



Fog resistant



Multiple
Functions



Intelligent



IP65

Level of
Protection



B Inocular



Waterproof

The (PVS7) Night Vision Goggles is a robust, dependable, high-performance Night Vision System and can be used for long-range night observation. It's adopted as a standard issue for Army ground troops, designed to assist with viewing and provide reliable service in the most unfavourable conditions can be used as handheld or hands-free goggles or with optional long-range lenses or compatible objective lenses that allow converting the (PVS7) goggles into a powerful viewer with 3.0x, 5.0x, or 8.0x, magnification depending on the lens the device is paired.

It has a built-in infrared IR illumination which creates "invisible" light, allowing your goggles to see in completely lightless situations or with low battery indicators.

The (PVS7) is equipped with Automatic Brightness Control to adjust image brightness in changing light conditions to maintain image definition and clarity.

It has a bright light cut-off feature to protect the image tube from sources of intense light, and a flip-up shut-off feature that can be used with the optional helmet mount system.

Containing Image Intensifier Tube - Euro Generation 3 and Gen2+, power supply with built-in bright flash protection (with automatic brightness gain regulation).



Basic Info.

IIT	Gen2+ Euro Gen3	Supply voltage	3V (2xAA batteries)
Magnification	1x	Active performance period without IR illumination	80hrs
Angular field of view, degree	40+2	Active performance period with IR illumination	40hrs
Lens systems	F/1.2, 27mm	Output pupil diameter	7mm
Adjustable Interpupillary Distance	Yes	Output pupil relief	25mm
Interpupillary Adjustment	57mm to 73mm	Goggles weight (Battery included)	≤ 610g
Focus range	0.25m ~ ∞	Operating resource	10000 hrs
Diopter Adjustment	-6 to +5	Anti battery reverse connection	Yes
Resolution	>60-57 lp/mm 60-72lp/mm	Level of protection	IP65
Signal to noise	>20 >22		
Detection range	180-260m 200-300m		

Operating Distance

