



NIGHT VISION GOGGLES

PS31-3

THE PERFECT MIXTURE

New technology made compatible with your training.

The PS-31 Binocular Night Vision Device (BNVD) is a compact, light-weight, dual tube goggle to replace the legacy PS-15. In a sea of dual tube night vision goggles, the PS-31 is one of the smallest and lightest units by far. The PS31s can be outfitted with various levels of high-performance US made Gen 3 image intensifier tubes.

Working directly with U.S. Operators input, the PS-31 was designed to increase system resolution, significantly reduce head borne weight, improve system of center of gravity, provide additional operational utility, and improve overall operator situational awareness and adding a 50 deg FOV for maximum visibility in the field. These tubes are auto gain-capable, allowing the system to adjust the brightness of their image as situations on the ground dictate.

SPECIFICATIONS

Generation	USA Gen 3, Auto-Gated/Thin-Filmed
Resolution	64-72 lp/mm, A-Grade
Magnification	1 X
FOV	50 °
Total Darkness IR System	Yes
Lens System	F/1.18
Proshield Lens Coating	Yes
Range of Focus	0.25 yard/m to infinity
Diopter Adjustment	-5 to +5
Automatic Brightness Control	Yes
Bright Light Cut-off	Yes
Infrared Illuminator	Built-in
IR Indicator	Yes
Low Battery Indicator	Yes
Power Supply	1 x 3V (CR123) Battery Life 60 h – standard/ 300 h – with Battery Pack (optional) Finish Matte Black, Corrosion Resistant, Fibre re-enforces polycarbonate body
Capability	Flip-Up On-Off, Side Flip-Up On-Off
Environmental Rating	IP65
Operating Temperature	-59°F to +120°F / -51°C to +49°C
Storage Temperature	-59°F to +185°F / -51°C to +85°C
Dimensions	4.5" x 7" x 3.5"/115 mm x 178 mm x 85 mm
Weight	1.27 lbs / 0.58 kg

- Dual goggle/binocular
- Hands-Free use
- Comfortable flip-up headgear
- Lightweight, Compact
- Waterproof
- Battery pack (optional)



**INDEPENDENT
DUAL CHANNELS**



**BATTERY
PACK (optional)**

TUBE SPECIFICATIONS

HIGH QUALITY 3 GEN IMAGE INTENSIFIER TUBE

DESCRIPTION	Standard
GENERATION	3
PHOTOCATHODE TYPE	GaAs
RESOLUTION, lp/mm*	64
SIGNAL TO NOISE RATIO*	22 Typical
FIGURE OF MERIT	1600 Typical
MTTF - MEAN TIME BEFORE FAILURE, hours	10,000
EXPORT	N/A for Export

* Specifications are provided for informational purposes only. Actual values may vary

Export Warning: These products are subject to one or more of the export control laws and regulations of the U.S. Government. Pending the model these products are under the control jurisdiction of either the US Department of State or the US Bureau of Industry and Security US Department of Commerce. Export without proper licensing or consent is strictly prohibited.