

# VA-PVS-31

## Night Vision Binocular

INOVA



### MAIN FEATURES

The VA-PVS-31 is one of the most compact and lightweight goggle on the market. This unit has a plethora of features such as independently pivoting pod design that allows the end user to rotate the pods away from the center, It also features a individual cut off which cuts power to the image intensifier by flipping the the unit up on the moun. The IIT are known for retaining peak performance over countless usage hours, combining extremely high performance with nearly impeccable cosmetics. In fact, the allowable blemishes are 50% lower than Pinnacle IIT, providing a flawless Zone 1 picture. They have a minimum of 2,000 FOM with a higher signal-to-noise ratio (SNR) and no inclusions in Zone 1.Plus, these tubes only allow 1 inclusion in Zones 2 and 3, and it can't be bigger than 0.006 inches, so it's virtually imperceptible.

### PRODUCT OVERVIEW

1. IP65 or IP67 weatherproof;
2. Low battery indication;
3. Bright source protection;
4. Multi-coated optic;
5. Automatic brightness control;
6. Fully adjustable head mount;
7. Embedded spring in battery's cap;
8. Automatic shut off when flipped up;
9. No power consumption when in standby;
10. Large IPD range.



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Structural Mode	Arbitrary turn it over
Rollover Detection	Automatically detect and power off when turning up
Battery Type	Lithium batter (CR123*1) /CR23*4 (external batter box)
Power Supply	2.6V - 4.2V
Installation	Head mounted(standard American helmet interface)
Control mode	ON/IR/AUTO
Battery Life	40-100hrs
Photocathode type	18 mm S-25
Resolution	>60lp/mm
SNR	>22
Magnification	1x
FOV	40°±2° (50°±2° )
Parallelism of Optical Axis	<0.1°
Lens System	25 mm, F/1.2
Coating	Multilayer broadband coating
Range of Focus	0.25 m to infinity
Focus Mode	manual focus facility
Distance of Pupil	30 mm
Eyepiece Aperture	8 mm
Range of Visibility	-4DS~+4DS
Eye Spacing Adjustment	Arbitrary continuous adjustable
Eye Distance Adjustment Range	50-72mm
Eye Distance Locking Method	Manual locking
IR	850 nm, 20 mW
Operating Temperature	-40 °C to +55°C
Humidity	5%-95%
Environment Rating	IP65
Dimensions	112* 105* 86 mm
Weight	490 g (Without battery)



See The unseen In Night

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