

VA-GPNVG

Ground Panoramic Vision Night Goggle



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PRODUCT OVERVIEW

VA-GPNVG is a ground-based panoramic night vision lens that provides the user with more information and enables the user to complete the OODA cycle (Observe, Orient, Decide, and Act) more quickly. MH-GPNVG features four separate image enhancement tubes, four separate objectives aligned in the panoramic direction, and two middle lenses pointing forward like traditional binocular goggles, providing users with an unprecedented 120° field of view, which is definitely a game changer for the SOF community. MH-GPNVG has left and right tubes suspended from the bridge, and the user can choose pupil distance adjustment. The IPD of both systems can be adjusted from the helmet.

MAIN FEATURES

Four independent image intensifier tubes and four objective lens

The two central tubes overlap with the two outer tubes, and the field of view reaches 120°.

There are two tubes on the left and right, providing the function of interpupillary

Can be used as an independent handheld viewer.

The IPD of both systems can be adjusted on the helmet stand.

Multipurpose: handheld, helmet support, head support.

Structure Mode	Helmet edflip-up/down four-eyed NVG
Battery Type	Lithium battery (CR123x1) / CR23x4 external battery pack
Power Supply	2.6-4.2V
Installation	Head mounted (standard American helmet interface)
Over Power Consumption	<0.2W
Battery Capacity	800-3200maH
Battery Life	30-80H
Maginification	1x
FOV	98°*50±2°
	Horizontal 98°±2°
	Vertical 50±2°
Parallelism of Optical Axis	<0.1°
Photocathode type	18 mm S-25
Resolution	57-64 lp/mm
Gain	Auto
Lens System	22.5 mm, F/1.18
MTF	120 lp/mm
Optical Distortion	3% Max
Relative Illuminance	>75%
Coating	Multilayer broadband coating
Focus Range	250 mm to infinity
Focus Mode	Manual
Eye Relief	30 mm
Pupil Diameter	8 mm
Visibility Range	-1 (+0.5~-2.5)
IPD Adjust Type	Arbitrary continuous adjustable
IPD Adjust Range	50-85 mm
IPD Lock Type	Manual lock
IR	850 nm 20mW
Working Temperature	-40°C to +55°C
Humidity Range	5%-95%
Protection Level	IP65
Dimensions	155 mm* 136 mm* 83 mm
Weight	880g (Without battery)



See The unseen In Night

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