

PRODUCT BRIEF / PUBLIC RELEASE

GPNVG18C

Public model

GPNVG18C

采用四个独立像增强器管和四组物镜的头戴式全景夜视仪，可提供约120°宽视场。



GPNVG18C面向军警夜间观察任务。中间两组镜头提供正前方视野，外侧两组镜头扩展左右视野，并在目镜端完成图像拼接，形成约120°全景观察范围。系统支持目间距、物镜对焦和连续屈光度调节。

Core capabilities

Features	Advantages
• 四个独立像增强器管与四组独立物镜 • 约120°全景视场 • 左右目视系统目间距调节 • 每组物镜独立对焦 • 连续屈光度调节，无需频繁更换视度片 • ON、IR、AUTO工作模式与红外辅助光源 • 头盔安装及翻转使用结构	• 显著扩展夜间侧向感知范围 • 连续屈光度设计降低附件数量和调节复杂度 • 完整的观察调节系统适配不同使用者 • 头戴使用释放双手，便于持续机动作业

Applications

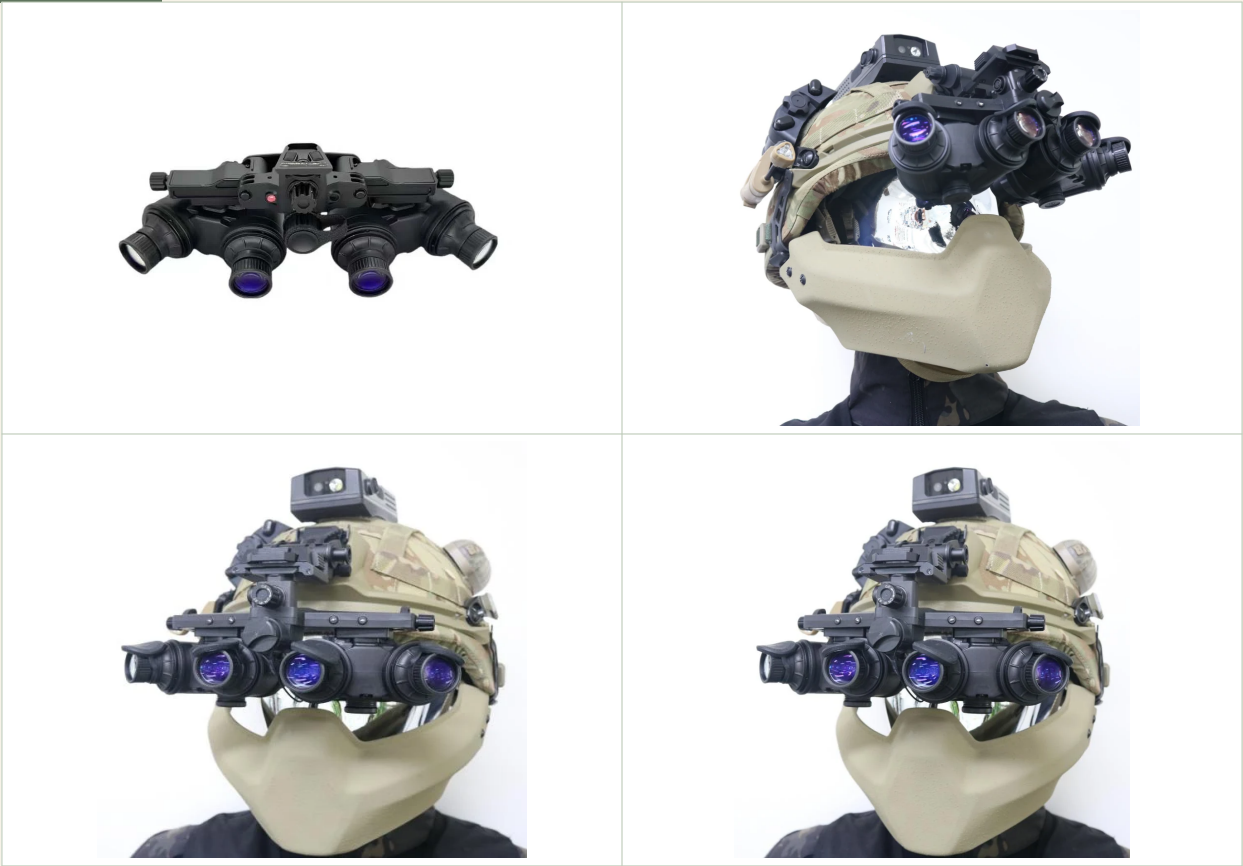
- 军警夜间巡逻与战术行动
- 低照度环境搜索和态势观察
- 头戴式机动观察
- 执法部门夜间任务

Specifications

Specification	Value	Unit
FOV	120x50 +/-2 °	-
Battery capacity	800-3200maH	-
Battery life	30-80H	-
Optical magnification	1X	-
Optical axis parallelism	<0.1°	-
Optical coating	Ultra-broadband multilayer optical anti-reflection coating	-
Focus range	250mm-∞	-
Exit pupil distance	25	-

Specification	Value	Unit
Exit pupil diameter	8mm	-
Mesh spacing adjustment method	Continuous adjustable	-
Eye distance adjustment range	50-85mm	-
Auxiliary light source	850nm 20mW	-
Working temperature	-40--+55°C	-
Protection	IP67	-
Dimension	155x136x83	-
Weight	800g	-

Product gallery



This brief is generated from approved data. Final specifications, configuration and availability remain subject to confirmation.