



Helmet Mounted Fusion Night vision Goggle *G14C*



A military helmet mounted night vision goggle

Features:

1. 50 degree FOV.
2. Folded optical channel with shorter front depth.
3. Less deformity, high quality image.
4. Indicators to show the status.
5. Fusion of low light and thermal
6. Respond to the surrounding light in real time, in auto mode, it can adjust the IR illuminate automatically.
7. Optional near infrared, far in-fared IR illuminate.
8. High strength Housing Material is high temperature resistant, light weight, battery radiation resistant.
9. Center of the gravity is located at the back,more comfortable with facing wear, the actual weight is much lighter than the design.
10. Auto flip up for switching off, convenient
11. CR123 or AA battery can be used for powering it.
12. Waterproof: IP67.
13. Easy operation, one button
- 14.50 degree FOV thermal and the fusion reaches the full screen.

Specification:

Magnification	1X
FOV	>50 degree
Optical axis parallel	<0.5 degree
Image intensification tube	Gen 2/Gen 3
Aperture	F1.18 22.5mm
MTF	120LP/mm
Deformity	1% Max
Relative humidity	>75%
Coating	Super wide multi-layer optical coating
Focus range	250mm-∞
Focus	Manual
Eye relief	25-30mm
Exit pupil	9mm
Dioptre	+/-5 degree

Display	OLED
Display resolution	1280x720
Fusion Ration	Full screen
Spectrum	8-12uM
IR resolution	384x288
Fusion mode	Optical
Structure	Goggle
Flip	Auto-check-flip up for off
Power	CR123x1 (external battery pack is available)
Voltage	2.5-4.2V
Installation	Helmet mounted (Standard FST Helmet)
Control	ON/IR/AUTO
Power	<1.5W(indicator)
Capacity	600-3200maH
Battery life	2-50H
IR illumination	850nm 10mW
Working temp	-40--+55°C
Humidity	5%-95%
Protection	IP65/IP67
Dimension	80x132x81 cm
Weight (no battery)	430G