



ALACA

COLOR DIGITAL NIGHT VISION MONOCULAR



DAYLIGHT USAGE
CAPABILITY



LIFESPAN WITH
THOUSANDS OF HOURS



INTEGRATED USER
INTERFACE



INTERNAL RETICLE
OPTIONS



EDGE-TO-EDGE
SUPER SHARPNESS



HIGH FRAME
RATE



COLOR
IMAGING



LIGHTWEIGHT



EYESIGHT



MONOCULAR

ALACA

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GENERAL FEATURES

ALACA series is a small size, lightweight and high-resolution helmet and weapon mounted digital color monocular night vision device. Suitable for applications such as individual combat, helmet-assisted night walking, cave operation, night riding, etc. Also, it is suitable for use on rifle as a gun sight thanks to the reticle inside. The monocular design allows users to have a strong overall control ability in the dark and better respond to emergencies. It can be widely used in military observation, border and coastal defence, public security inspection, surveillance, customs, anti-drug, anti-smuggling, navigation, and other dark environments.



TECHNICAL PARAMETERS

Sensor	CMOS	Magnification	1X
Resolution	1920x1080	IR Illumination	1064 nm
Pixel Pitch	10 μ m	Battery	18650, 3.7V@2200mAh
Spectral Range	400-1100 nm	Battery Life	> 5 h
FPS	50 Hz	Startup Time	< 3 sn
Focal Length	23 mm	Weapon Mount	Picatinny Ray MIL-STD-1913
FOV	45.4°x26.3°	Helmet Mount	Support
F#	1.3	Humidity	%95 @40°C
Focus	Manuel	Vibration, Shock	MIL-STD-810
Focus Distance	25 cm ~ ∞	IP Level	IP67
OLED	1920x1080	Dimensions	120 x 90 x 65 mm
Dioptre	-6 - +2	Weight	< 250 g
Eye Relief	25 mm		