

Waveguide Holographic Sight

Overview

The waveguide holographic sight is mainly matched with submachine guns, automatic rifles and other medium-range combat weapons. It supports binocular aiming at targets within 300 meters, featuring fast aiming speed and high reticle clarity, which delivers prominent advantages for CQB combat operations.



Product Features

1. True 1X optical system, no eye strain during long-time use.
2. Deep optical longitudinal depth, less occlusion of targets, easier target detection compared with regular holographic and red dot sights.
3. No color cast, clear identification of targets of all colors (superior to traditional red dot sights).
4. Sharper reticle with higher aiming precision than standard holographic sights.
5. No forward light leakage; the reticle cannot be seen from the target side to avoid exposing the user's position.
6. Sealed optical path for superior environmental adaptability.
7. Minimal edge distortion; intra-window parallax controlled within 1 MOA.
8. Automatic brightness adjustment: reticle brightness adapts to ambient light levels automatically.

Technical Specifications

Item	Parameter
Battery Type	CR123A
Continuous Runtime	≥5000 hours (medium brightness)
Brightness Levels	13 daytime levels + 3 night vision levels
Battery Check	Manual active check
Low Battery Alert	Flashing reticle
Auto Standby Power Saving	Supported
Machining Process	CNC machining
Click Adjustment Range	±40 MOA (elevation & windage)
Click Adjustment Increment	0.5 MOA per click
Mount Standard	Picatinny rail
Overall Dimension	80mm×58mm×58mm
Sight Height (Bore Axis Offset)	42mm
Weight	240g (excluding battery)
Operating Temperature	-40℃ ~ +65℃
Storage Temperature	-45℃ ~ +70℃
Shock Resistance	1200G
Waterproof Rating	IP68