



DEFENSE

10x40mm Gyro-Stabilized Aviator Engineered with STEDI-EYE® Technology

The Fraser Optics' Defense Series 10x40mm Aviator is the premier device for airborne surveillance and reconnaissance. Engineered with STEDI-EYE® Technology, the Aviator is recognized and used by state and federal law enforcement agencies and both US and foreign federal governments. Its gyro-stabilization system removes up to 98% of image motion caused by hand or platform tremor. When coupled with its world-class optics, this handheld binocular provides a user the ability to read 4-inch license plate letters on a moving vehicle from 2000 feet. Modular by design this optic has removable 10x eyepieces to quickly convert to 12x night vision. When lives are on the line and clear stable vision is a requirement, there is no substitute for the gyro-stabilized Aviator.

FEATURES

- Advanced gyro-stabilization system
- Touchpad and switch lock to stabilize
- Up to 98% reduction of image motion
- Fully multi-coated MgF₂ optics for enhanced light transmission
- Wide field of view
- 100% sealed, buoyant, submersible and waterproof
- Shockproof and ruggedized for extreme conditions
- No-slip neoprene cover for added comfort and grip
- Built-in regulator for external power; continuous operation for 12 hours on 2 AA batteries
- Two-year warranty

SPECIFICATIONS

- Magnification...10x
- Objective diameter...40mm
- Exit pupil...3mm
- Field of view (80m @ 1,000m)...4.6°
- Resolution (day)...4.3 Arc seconds
- Stabilization freedom...±8°
- Focus adjustment...±5 diopters
- Scan rate...8°/sec
- Interpupillary adjustment...60-75mm
- Power (internal)...2 AA cells
- Power (external)...6-30 VDC
- Length (day)...8.25" (210mm)
- Width...7.5" (190mm)
- Height...3.5" (89mm)

ACCESSORY OPTIONS

- Neck or hand strap
- External power cord
- Face shield
- Haze and polarizing filters
- Soft protective case
- Customized hard case

Fraser Optics products with STEDI-EYE® Technology eliminates motion and enhances clarity providing unparalleled performance and durability, giving users superior operational performance. Built with precision to military standards, our systems have been proven under the harshest conditions, both on and off the battlefield.



FRASER OPTICS®
The Clear Advantage

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