



**FRASER-VOLPE  
CORPORATION**

## **STEDI-EYE™ OBSERVER**

### **Stabilized 10X, 12X, 14X or 16X Magnified Binoculars**

- Gyro Stabilized
- 98% Reduction of Input Motion
- Unsurpassed Resolution (4.3  $\angle$ Sec)
- Highest Scan Rate Available
- Greater Field of View
- Ease of Operation
- Touch Pad Caging Switch
- 100% Buoyant
- Compact
- Lightweight
- 100% Sealed, Submersible and Waterproof
- Night Vision Eyepieces Optional
- Operates Continuously for 12 hours on 2 "AA" Batteries
- Interpupillary Adjustment



**FRASER-VOLPE pioneered the FIRST generation of active image stabilization binoculars. For OVER 30 YEARS our products have set the standard for high-quality optical instruments used in demanding field conditions.**



The **STEDI-EYE™ Observer** is manufactured to stringent U.S. & Foreign Military standards. Law enforcement personnel now have the option of binoculars with the same endurance and durability of our rugged military models. The **STEDI-EYE™ Observer** offers the unequalled performance and uncompromising quality of all **Fraser-Volpe** products, as well as night vision capabilities as simple as changing the eyepieces. There is simply no better value in the field of gyro-stabilized binoculars. ***Don't settle for less!***

**The most sophisticated hand-held binoculars ever engineered.  
With NIGHT VISION Capability!**

#### **FRASER-VOLPE CORPORATION**

1025 Thomas Drive, Warminster, PA 18974

Phone: 215-443-5240

Fax: 215-443-0966

E-mail: [info@fraser-volpe.com](mailto:info@fraser-volpe.com)

<http://www.FRASER-VOLPE.com>

The **STEDI-EYE™ Observer** removes up to **98%** of image motion caused by hand tremor and platform vibration, providing exceptional viewing from all types of moving **boats, aircraft and automobiles.**

### STEDI-EYE™ Observer Unit Specifications

Magnification . . . . .10X, 12X, 14X or 16X  
 Objective Diameter . . . . .41mm  
 Exit Pupil . . . . .3mm  
 Field of View . . . . .4.3°  
 Resolution (Day) . . . . .4.3 ∠Sec  
 Resolution (Night) . . . . .>35 Line Pairs/mm  
 Stabilization Freedom . . . . .±8°  
 Focus Adjustment . . . . .±5 Diopters  
 Maximum Scan Rate . . . . .7-10 °/Sec

Interpupillary Adjustment . . . . .66-72mm  
 Power(Internal) . . . . .2AA Cells  
 Power(External) . . . . .6-30 VDC  
 Length (Day) . . . . .8.25" (210mm)  
 Length (Night\*) . . . . .9.0" (229mm)  
 Width . . . . .7.5" (190mm)  
 Height . . . . .3.5" (89mm)  
 Weight (Day) . . . . .4.5 lbs (2.04 kg)  
 Weight (Night\*) . . . . .5.3 lbs (2.40kg)

\*Night Vision Eyepieces Sold Separately

The **STEDI-EYE™ Observer** is fully compatible with Fraser-Volpe's exclusive Miniature Integrated Camera Eye (MICE) system. Transmit real-time video images to a control center located miles away.



#### Standard Accessories:

- Molded, High-Impact, Foam-Lined Carrying Case
- Neck Strap
- External Power Cable
- Protective Lens Covers
- Haze & Polarizing Filters
- Detailed Operator's Manual

#### Available Options:

- Gen II or Gen III Night Vision Eyepieces
- Soft-Sided Field Carrying Case
- "Arctic Pack" Battery Case for Cold Weather Performance
- 10X, 12X, 14X or 16X Day Eyepieces
- Universal Camera Adapter

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