



Applied Optics Center
A Division of Optex Systems, Inc.



Data Sheet 10X Stabilized Monocular

Battle Proven Technology for Commercial Applications

Specifications – 10x Stabilized Monocular

Model AIS-1 (10X)

Magnification 10x

Objective diameter 25mm

Real field of View 6.2° (325ft@1000yds/108m@1000m)

Apparent field of View 56.9°

Exit pupil 2.5mm or 3mm

Eye relief 15mm

Dimensions 127x72x45mm

Weight (without batteries) approx 320 g / 11.2 oz

Prism type Roof prism

Waterproof Rainproof (IPX1)

Stabilization mechanism Optical compensation by prisms with 2-axis gimbal

Control technology

1. Position sensor optimized stabilizer technology
2. Gyro sensor optimized stabilizer technology

Compensation angle $\pm 3^\circ$

Battery 2 x CR2

Battery life Over 20 hours



Bringing Mil-Spec Performance to Commercial Products

