

SADAS | FS-EYE



Back-Up Imaging System

#EOTestandMeasurementSystems



FOR THE MOST CHALLENGING SITUATIONS
THE DESIRED RETICLE CAN BE ADDED
LASER FILTER CAN BE INSTALLED
IMAGE TRANSMISSION VIA FLEXIBLE HIGH-QUALITY FIBER

aselsansivas

www.aselsansivas.com

SADAS

FS-EYE

Back-Up Imaging System

The Fibereye is a high-reliability, passive optical backup periscope engineered for seamless integration into modern wheeled and tracked turreted platforms. Specifically developed to mitigate the risk of situational awareness loss during total power failure, EMP events, or battle damage to electronic suites, this system provides a redundant, unpowered Line-of-Sight (LOS) synchronized directly with the weapon station.

Compact Integration & Fiber-Optic Architecture

While modern manned and unmanned turrets face severe spatial constraints that often preclude the integration of conventional bulky optics, our solution utilizes advanced fiber-optic technology to resolve the 'capability vs. volume' paradox. This design ensures full operational lethality during 'silent-watch' or 'blackout' conditions without compromising the internal turret envelope.

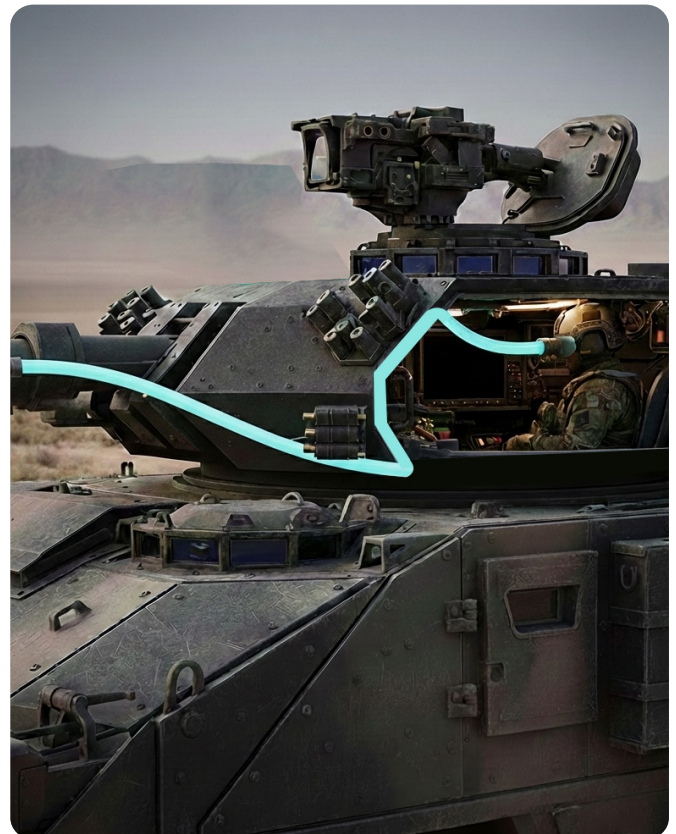
General Specifications

- Power-independent target engagement
- Mechanical real-time alignment
- Compact space-efficient design
- Ingeniously designed by ASELSAN Sivas



Technical Specifications

- Lens Dimensions : 47 x 54 x 29 mm
- Ocular Measurements : Ø40 x 145 mm
- Boroscope Weight : <0.65 kg ± 10 g
- Angle : Ø 1.9°
- Fiber Length : 606 mm / 910 mm / 1216 mm / 2716 mm
- Lens Diameter : 25 mm / 45 mm
- Eye Distance : 20 mm / 40 mm
- Diopter Adjustment : +/-5
- Fiber Resolution : 400 x 400



Specifications are subject to change without any notice. | All tolerances are within ±10%.