



# X-SIGHT

## TARGET DESIGNATION SIGHT

**X-SIGHT** is the advanced **ICS's Target Designation Sight** that facilitates the designation and tracking of **naval, low altitude, and land-based targets**. It incorporates **Adaptive Frictions Compensation, Image Stabilization, and Video Tracking** within the **Field of View**, enabling continuous targeting even in adverse **weather conditions** and **turbulent seas**. This system is tailored to maintain accuracy and efficiency under challenging operational scenarios. Equipped with **dual ergonomic handgrip joysticks**, X-SIGHT allows secure and comfortable manipulation of the **TDS** in **azimuth** and **elevation**, along with direct

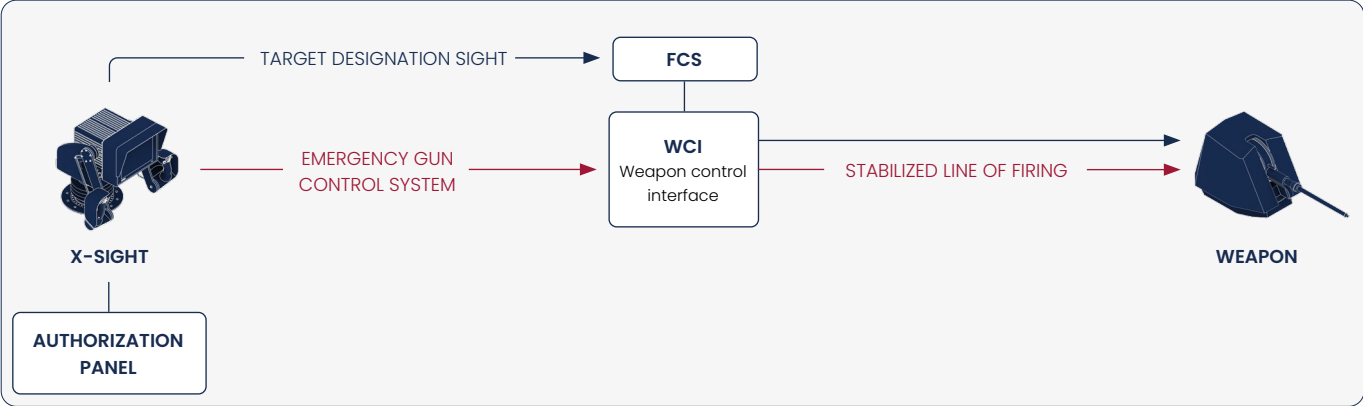
thumb-access to software functions. It also features a **hydraulic piston**, providing a **height adjustment up to 300mm** to ensure optimal visibility of the display regardless of the operator's stature. Crucially, **X-SIGHT** can function both as a **target designation tool against asymmetric threats**, relaying tracked target data to the Fire Control System (FCS) or Combat Management System (CMS), and as an autonomous emergency direct weapon control and firing system. This Emergency Gun Control System activates when the FCS or CMS is unavailable or fails, ensuring that defensive capabilities are maintained even in critical situations.

# KEY STRENGTHS

- Robust marine-grade mechanical full metal structure
- 12" LED monitor showing operational scenario
- 2 axes rotating assemblies
- Full-digital absolute angular encoder sensors
- Embedded Power drivers and Electronic boards
- Embedded Video Tracking Module
- IR camera – Day/Night TV camera
- Two joysticks and relative control buttons
- Hydraulic Piston with 300mm height excursion



RELEVANT MIL-SPECIFICATIONS
MIL - STD - 810F (Environmental conditions) Temperature   Humidity   Shock
MIL - STD - 1472 (Ergonomic)
MIL - STD - 461E (EMI/EMC)
MIL - STD - 167 - 1 (Vibration)
MIL - STD - 1474D (Noise)



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