

IPD

INTUITIVE POINTING DEVICE

MOBILIZE DEFENSE-CHAIN IN DUE TIME against time-critical threats

AIR THREATS



LAND THREATS



SURFACE THREATS



- ▶ Thermal Camera
- ▶ Low Light Camera
- ▶ Zoom x10
- ▶ Laser Range Finder



MINIMIZE YOUR SENSOR-TO-SHOOTER LOOP

When automated systems of vessels could face difficulties to detect time-critical threats, the IPD, integrating the outstanding performance of human perception of threats in close-in-defense context, plays a decisive role bringing a highly responsive and robust solution to shorten defense-chain in most critical situations including lately detected surging threats.

Key capabilities:

- Widen the limited Field Of View of the built-in electro-optic sensor system of any Remote Weapon Systems
- Just aim at residual threats in a reflex action & Pull the trigger to Designate
- Disseminate accurate 3D coordinates directly to the Remote Weapon Systems
- No need to adapt the Chain of Command

Intuitive Action

Orient

- ▶ Training / Elevation (0,5° accuracy)
- ▶ Distance

Detect

- ▶ Wide angle of coverage
- ▶ Aim assistance:
 - Extreme Low Light camera
 - Thermal camera
 - Zoom x10

Decide

- ▶ Pull the trigger to designate
- ▶ Disseminate 3D coordinates and Day/Night imagery to mobilize defense-chain (RWS, CMS, FCS)

Act

- ▶ Direct designation to Remote Weapon System
- ▶ Kill assessment
- ▶ Record of proof

FROM DETECTION, IDENTIFICATION TO DESIGNATION

The high performance IPD instantaneously outputs, in all conditions, accurate coordinates and imagery of any air, land or surface weak signal visually detected towards Remote Weapon, Electro-Optic Sensor and Combat Management Systems.

Characteristics:

- ▶ Interoperability: RWS, FCS, NAV, pluggable on any CMS
- ▶ Physical interface via Ethernet/IP cable. Specific interface on request (FDDI, serial link, analog)
- ▶ Power supply: 115/240V, 50 to 60 Hz single phase
- ▶ Large operating temperature range
- ▶ Relative humidity: 96%
- ▶ Environmental: IP 56, MIL-STD 810 G & MIL-STD 461 G



BEST IN CLASS NAVAL OPTICAL DESIGNATOR FOR TIME-SENSITIVE THREATS

Our combat-proven target designators renowned for mobility and outstanding accuracy have been chosen by some 10 leading navies around the world.

 <p>Country: UK Beneficiary: Royal Navy Program: T45 In-service: 12 units</p>	 <p>Country: FR Beneficiary: French Navy Program: RMV-FLF, FREMM, HRZ, OP3A In-service: 30 units</p>	 <p>Country: KSA Beneficiary: Royal Saudi Navy Program: SWI II In-service: 6 units</p>	 <p>Country: ML Beneficiary: Royal Malaysian Navy Program: LCS, Gowind In-service: 12 units</p>
 <p>Country: IT Beneficiary: Italian Navy Program: LHD, FREMM, HRZ In-service: 26 units</p>	 <p>Country: EGY Beneficiary: Egyptian Navy Program: FREMM In-service: 2 units</p>	 <p>Country: MAR Beneficiary: Royal Moroccan Navy Program: FREMM In-service: 2 units</p>	 <p>Country: NW Beneficiary: Royal Norwegian Navy Program: SKJOLD In-service: 6 units</p>



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