



ASISGUARD



ASISGUARD

About Us

ASISGUARD has high-end engineering capabilities through which the company has developed national and domestic critical solutions, some of which are the first in our country, with Electro-Optical Sight and Border Security Systems, Military Vehicle Electronics Systems, Rotary Wing Armed/Unarmed Drone Systems, Screen System solutions. All systems of ASISGUARD™ such as original hardware design, embedded software design, system engineering are performed by experts in their respective fields and delivered to the end user.

ASISGUARD, with the expertise to design and revise projects and solutions according to customer demands, and to keep the technologies and products it has developed up-to-date; the company has developed a cutting-edge specialization to design image stabilization, moving object tracking, object recognition and classification algorithms by using artificial intelligence and big data technologies.

ASISGUARD, Offering many domestic and national products in the field of defense to Türkiye, NATO and allied countries; constantly considers the needs and satisfaction of internal and external stakeholders, aims to develop its technological and engineering competence and to direct the technologies of the future.

Mission

To contribute to the strengthening of the Turkish Defense Industry with innovative technology and military solutions, to share the developed products and systems with allied countries.

Vision

To become a leading global brand by creating local and global solutions with high value-added critical technologies.

Our untiring soldiers and law-enforcement forces who put their lives at risk without a second thought have the utmost importance for us. Therefore, we take on the mantle of guardian angel for our army and law enforcement agencies via our domestically and nationally developed technology.

*Sınırların Ötesinde Teknoloji
Technology Beyond Borders*

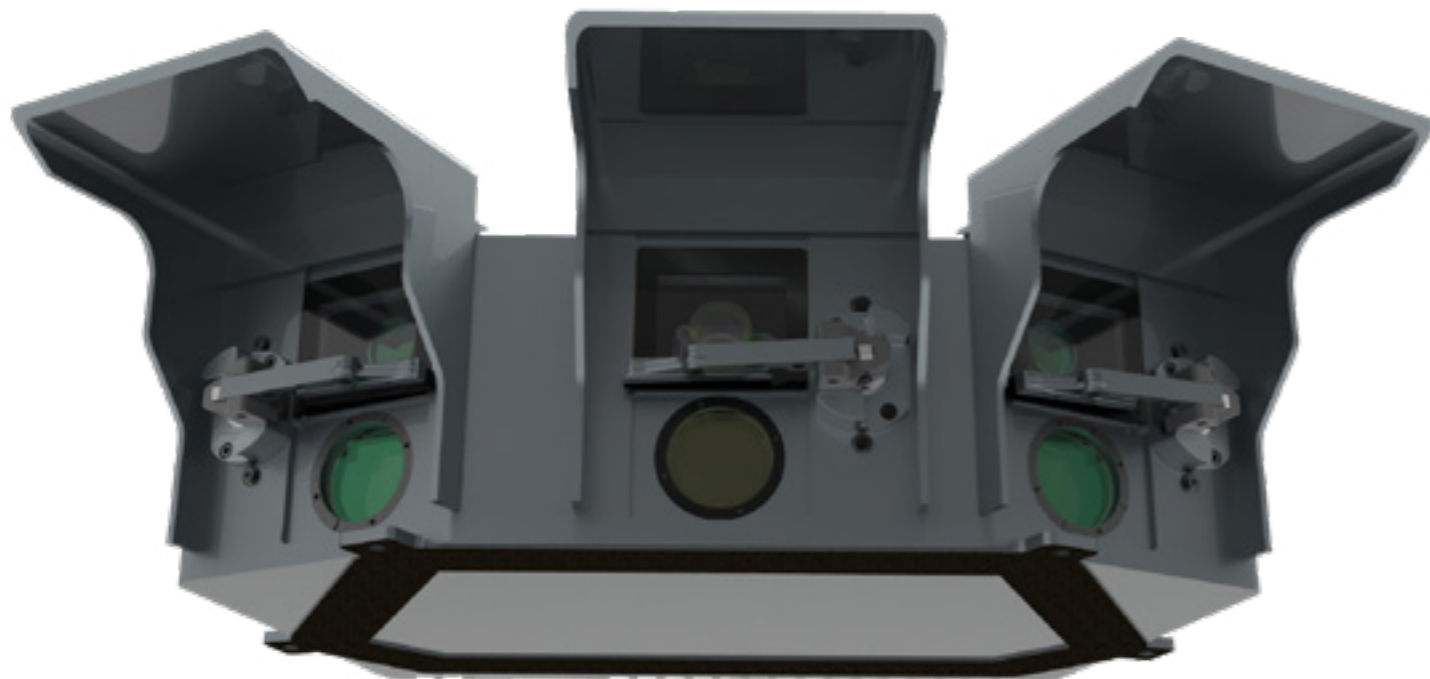
UNMANNED MARINE VESSEL / NAVIGATION CAMERA UNIT

The Unmanned Maritime Vehicle and Navigation Camera Unit addresses the most demanding defense and security scenarios. It is a domestically developed Environmental Surveillance System designed for military marine vehicles. The system comprises three primary components: a 360° Imaging System, the UMV/NCU Image Processing Unit, and Virtual Vision Goggles Integration. It facilitates early detection of close-range asymmetric threats in irregular warfare situations, allowing for prompt countermeasures by remote operators or autonomous systems.



AREAS OF USE

- Environmental surveillance
- Security
- Reconnaissance
- Armed Forces and Security Units



GENERAL FEATURES

Accessories

Optical Cleaning Kit

Carry Case

Interface

Power Interface: 20-32 VDC

Video Output: Ethernet

Communication Interface: Ethernet

TECHNICAL SPECIFICATIONS

Thermal Camera

Type: Non-cooled

Resolution (H x V): 640 x 512

Pixel Range: 17 µm

Detector Wavelength: LWIR (8-14 µm)

NETD: <50mK

Camera-1 View Angle (H): 60° ±10%

Camera-2 View Angle (H): 40° ±10%

Camera-3 View Angle (H): 60° ±10%

Focusing: Fixed Focus

Digital Zoom: x2

Coloured Daytime Camera

Resolution: 1920 x 1080

Camera-1 View Angle (H): 60° +10%

Camera-2 View Angle (H): 40° +10%

Camera-3 View Angle (H): 60° +10%

Focusing: Fixed Focus

Digital Zoom: x2

System Features

Operating Temperature: -15°C, +55°C

Storage Temperature: -40°C to +70°C

Protection Level: IP67

Environmental Conditions Standard: Compliant with MIL-STD-810

Voltage Protection: Compliant MIL-STD-1275E

Frame Rate: 25 (+2) fps



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