



# ASISGUARD



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## 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.

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## VISUAL TARGETING SYSTEM

The Visual Targeting System (VTS) is an electro-optical apparatus incorporating Laser Rangefinder and Thermal Camera units. It is intended for target identification and distance measurement of detected targets during border surveillance, long-range observation, coast guard operations, and reconnaissance, applicable in both daytime and nighttime conditions.

### AREAS OF USE

- Border surveillance
- Long distance surveillance
- Reconnaissance



## GENERAL FEATURES

### Accessories

- Lens and Ocular Protection Covers
- Optical Cleaning Kit
- Carry Case

### Laser Range Finder

- Wavelength: 1.5µm
- Measure Accuracy: 0,1-1m
- Measurement Range (m): 3 – 12000m

## TECHNICAL SPECIFICATIONS

### Thermal Camera

- Type: Uncooled LWIR
- Resolution (H x V): 640 x 512
- Pixel Range: 17 µm
- Detector Wavelength: 8-14 µm
- NETD: <35 mk (@F#=1.0)
- Focus Distance: 30-150 mm
- View Angle (Wide/Narrow): 20.6° (±%10) / 4.1° (±%10)
- Focusing: Automatic

### Interface

- Power Interface: 20-33VDC
- Video Output: Ethernet, 1920x1080 Binocular OLED
- Communication Interface: RS422

### System Features

- Operating Temperature: -32°C, +55°C
- Storage Temperature: -40°C, +60°C
- Protection Level: IP67
- Environmental Conditions Standard: Compliant with MIL-STD-810
- Voltage Protection: Compliant with MIL-STD-1275E





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 **ASISGUARD**

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