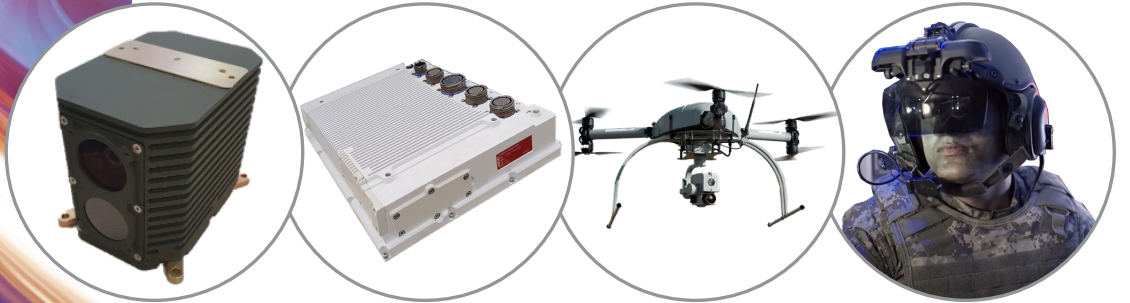


YAMGÖZ360

360° SITUATIONAL AWARENESS SYSTEM

#LandandWeaponSystems



NEW GENERATION LWIR THERMAL IMAGER
HIGH QUALITY DAY TV CAMERA
THERMAL AND DAY TV IMAGE FUSION
MOTION DETECTION
REAL-TIME VIDEO



aselsan

YAMGÖZ360

360° SITUATIONAL AWARENESS SYSTEM

Applications

- Main Battle Tanks
- Armoured Personnel Carriers
- Armoured Fighting Vehicles
- Unmanned Land and Surface Vehicles

Main Features

- Panoramic Video
- 1 x Magnification
- Uncooled LWIR Thermal Imager
- High Quality Day TV Camera
- Image Fusion (Day TV + Thermal) (Optional)
- AR Glasses Compatibility (Optional)
- Automatic Image Enhancement
- Motion Detection
- Interoperability with other Subsystems
 - Displaying Threats Detected by Laser Warning Receiver System,
 - Displaying Remote Weapon Station System's Direction
 - Displaying Commander Periscope's Direction
 - Displaying Threats Detected by Active Protection System
 - Displaying Driver Vision System Images
- Video Recording
- Ethernet Video Output
- 2 Independent User Interface Capability
- Object Detection (Optional)
- Drone Video Transfer (Optional)

Environmental Conditions

- Operating Temperature : -32°C/+55°C
- Storage Temperature : -40°C/+60°C

System Units

- Thermal and Day TV Camera Sensor Suit
- Processor Unit
- LCD Monitor

Technical Specifications

- System Type : Situational Awareness
- Sensor Size (w x l x h) : 12.2 cm x 16.7 cm x 10 cm
- Sensor Weight : <1600 gr

Thermal Panorama

- Sensor Type : Uncooled, 640 x 480
- Wavelength : 8-12 μ m
- FOV : 360° H x 45° V
- Refresh Rate : 25 Hz

Daylight Panorama

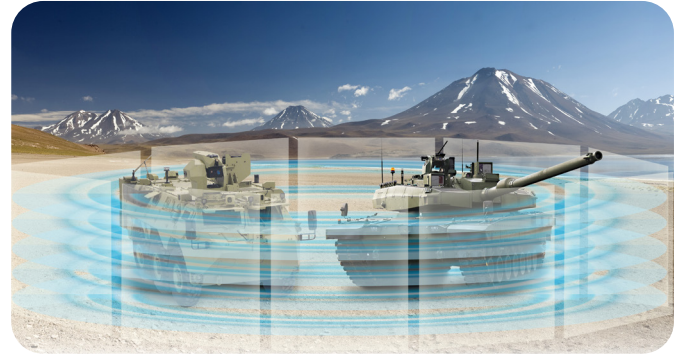
- Sensor Type : CCD/CMOS
- FOV : 360° H x 45° V
- Refresh Rate : 25 Hz

Video

- Video : Full HD
- Human Interface : LCD Monitor and AR Glasses (Optional)

Interface

- Video Output : Analog, Ethernet
- Communication : 18 VDC - 32 VDC
- Power : 200 W



Specifications are subject to change without any notice. | All tolerances are within $\pm 10\%$.