

YAMGÖZ-100

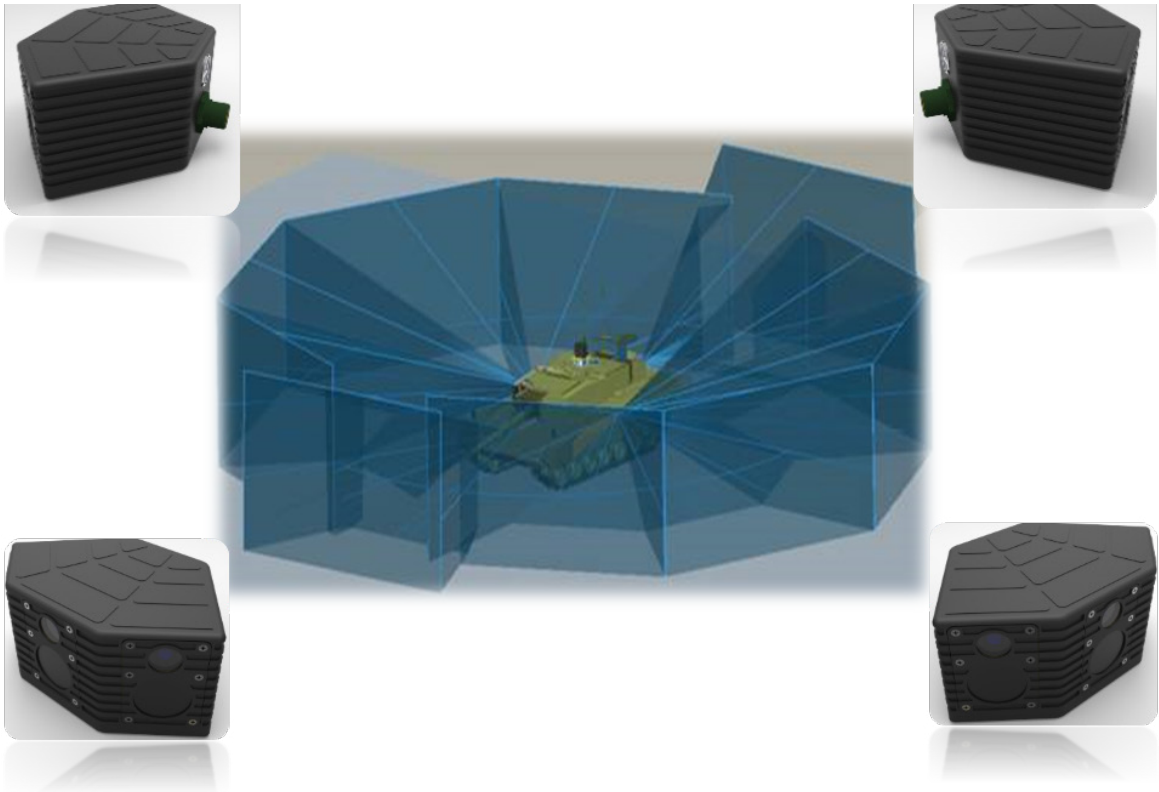
CLOSE RANGE SURVEILLANCE SYSTEM

NEW GENERATION LWIR THERMAL IMAGER

HIGH QUALITY DAY TV CAMERA

MULTI-BAND SIMULTANEOUS SURVEILLANCE WITH IMAGE FUSION

REAL-TIME VIDEO ON ULTRA LOW LATENCY VIDEO



YAMGÖZ-100

CLOSE RANGE SURVEILLANCE SYSTEM

Applications

- MBT's
- Armoured Vehicles
- Tactical Armoured Vehicles

Main Features

- Compact System with Easy-Integration
- Panoramic Video
- 1X Magnification (similar to Human Eye-sight)
- Uncooled LWIR Thermal Imager
- HQ Day Tv Camera
- Fusion View with Day TV + Thermal
- Automatic Image Enhancement

Environmental Conditions

- Operating Temperature : -32°C/+50°C
- Storage Temperature : -40°C/+60°C

Technical Specifications

- System Type : Panoramic Camera System
- Sensor Size (w x l x h) : 19cm x 15 cm x 10 cm
- Sensor Weight : 2 kg (max)

Thermal Panorama

- Sensor Type : 640x480 Uncooled
- Wavelength : 8-12 μ m
- FOV : 360° H x 30° V
- Camera : 12 pcs (total number for four sensors)
- Refresh Rate : 25 Hz

Daylight Panorama

- Sensor Type : CMOS/CCD
- FOV : 360° H x 30° V
- Camera : 12 pcs (total number for four sensors)
- Refresh Rate : 25 Hz

Interface

- Video Output : Analog / Digital
- Power Input : 18V DC - 32V DC
- Power Consumption : < 50W