

KIRLANGIÇ KARA

RECONNAISSANCE AND SURVEILLANCE SYSTEM

COOLED MWIR THERMAL CAMERA

DAY CAMERA

COMPACT STABILIZED PLATFORM

LASER RANGE FINDER / LASER POINTER





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RECONNAISSANCE AND SURVEILLANCE SYSTEM

Applications

- Main Battle Tanks
- Tactical Armored Vehicles
- Long Range Detection/Recognition/Ident.
- Situational Awareness

Main Features

- Compact And Light-Weight System
- High Performance IR Camera
- High Definition TV Camera
- Eye-Safe Laser Range Finder
- Laser Pointer
- Accurate Stabilization

Technical Specifications

- System Type : Gyroscope-Stabilized
- Gimbal Dimen. : 35 cm Dia. x 45 cm H
- Gimbal Weight : <33 kg (max.)

Thermal Camera

- Sensor Type : 640x512 FPA
- Wavelength : 3-5 μ m
- Digital Zoom : 2x and 4x
- Optical Zoom : up to 10x
- Wide FOV : 22° ($\pm$ 10)
- Middle FOV : 6° ($\pm$ 10)
- Narrow FOV : 2.2° ($\pm$ 10)

Day TV

- Sensor Type : CMOS
- Resolution : 1920x1080
- Digital Zoom : 2x and 4x
- Optical Zoom : at least 20x Cont.
- Super Wide FOV : 60° ($\pm$ 10)
- Wide FOV : 25° ($\pm$ 10)
- Middle FOV : 6° ($\pm$ 10)
- Narrow FOV : 2.4° ($\pm$ 10)

Gimbal

- Azimuth : 360° Cont.
- Elevation : +90°/-55°

Laser Range Finder

- Wavelength : 1.54 μ m ($\pm$ 1)
- Class : Class I, Eye Safe
- Accuracy : $\pm$ 5m (1 σ)

Interface

- Video Output : HD-SDI/Gig. Eth
- Communication : Ethernet
- Power Input : 24 VDC

