

KIRLANGIC LAND

RECONNAISSANCE AND SURVEILLANCE SYSTEM

COOLED MWIR THERMAL CAMERA

DAY CAMERA

COMPACT STABILIZED PLATFORM

LASER RANGE FINDER / LASER POINTER





KIRLANGIC LAND

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

