

aselsan

KIZILGÖZ-500

THERMAL CAMERA FOR VEHICLES

COOLED MWIR THERMAL CAMERA

LONG RANGE PERFORMANCE

LARGE FORMAT 640X512 DETECTOR

CONTINUOUS ZOOM

EASY INTEGRATION IN ALL TYPE OF VEHICLES





KIZILGÖZ-500

THERMAL CAMERA FOR VEHICLES

Applications

- Tactical Reconnaissance
- Long Range Surveillance
- Vehicle Mounted Applications

Main Features

- Meets Military Environmental Requirements
- Automatic image optimization
- Image Freeze
- Polarity Change
- Reticle Adjustment
- Gain and Level Adjustment
- User-Friendly Menu
- External software update
- Motorized focus, FOV and zoom adjustment
- Lens protection cover

Standard Accessories

- Lens Cleaning Kit
- Carrying Case
- Transportation Case

Environmental Conditions

- Operating Temperature : -32°C / +50°C
- Storage Temperature : -40°C / +60°C
- Standard : MIL-STD-810G

Technical Specifications

- Detector Type : Cooled, 3-5 μm
- Detector Format : 640x512
- Field of View (FOV)
 - NFOV : 0.9 x 0.72
 - MFOV : 3 x 2.4
 - WFOV : 15 x 12
- Continuous Zoom Lens : Ok
- Electronic Magnification : 2X
- Cool-down Time : < 7min
- Communication Interface : RS422/RS232, Ethernet
- Video Output : CCIR, Ethernet, SD-SDI
- Power Input : 13-33 VDC
- Thermal Camera Dimensions (h x w x d): 182 x 174 x 346.1
- Thermal Camera Weight : Less than 6.5kg

Optional Accessories (*)

- Motorized Pan&Tilt
- Remote Control Unit
- LCD Monitor
- UPS
- Video Recorder
- External AC/DC Adaptor
- Battery and Battery Charger
- Telescopic Camera Mast

(*) Optional accessories offered may vary according to different vehicle models.