

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Visit our website - *Click HERE*

ThermoVision® SENTRY™

APPLICATIONS

- Perimeter Security
- Coastal Surveillance
- Border Patrol
- Government Facilities Security
- Force Protection
- Training Range
- Customs Inspection
- Vessel Traffic Monitoring System

24 HOUR PERIMETER SURVEILLANCE CAMERA SYSTEM

Reliable, continuous day/night surveillance is assured with ThermoVision Sentry, a mobile or fixed-installtion thermal camera that sets new standards in compactness, ruggedness, and low power consumption. Incorporating FLIR's next generation uncooled detector technology, ThermoVision Sentry takes perimeter/border surveillance and force protection to the next level.

COMMERCIALLY DEVELOPED MILITARY QUALIFIED

Developed under the U.S. Air Force TASS (Tactical Automated Security System) program, ThermoVision Sentry has earned its stripes in punishing installations the world over. Military qualified COTS/NDI , the system is highly ruggedized, and sealed against rain, sand, dust, and corrosion.

REDEFINES SYSTEM PERFORMANCE

Superior reliability, lower power consumption, lower life cycle costs, faster start-up, and greater affordability. These are but a few of the advantages ThermoVision's 320 x 240 uncooled microbolometer focal plane array provides over conventional cryogenically cooled infrared cameras.

FLEXIBLE DEPLOYMENT OPTIONS

A single operator can transport, fully assemble, and operate ThermoVision Sentry in the field, or the unit can be permanently installed in a fixed location.

POWERFUL ON-BOARD PROCESSING

Dual fields of view provide both situation awareness and close-up imaging on demand. Electronic zoom, freeze frame and automatic gain/level control enhances target recognition capability. Integrated pan and tilt drive provides fast, continuous 360 degree slewing. Autoscan sequentially scans between multiple preset positions at user-definable scan rates and dwell times for hands-free monitoring. Histogram equalization ensures optimal image quality and selectable color palettes enhance target discrimination.

PAYLOAD READY

Optional payloads include a color CCD-TV monitor camera and networking capability.

STOWED POSITION PROTECTS OPTICS

The system features a stowed position that protects optics while allowing for rapid start-up capability.



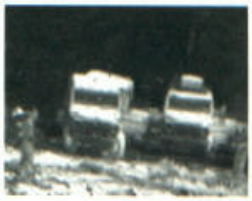










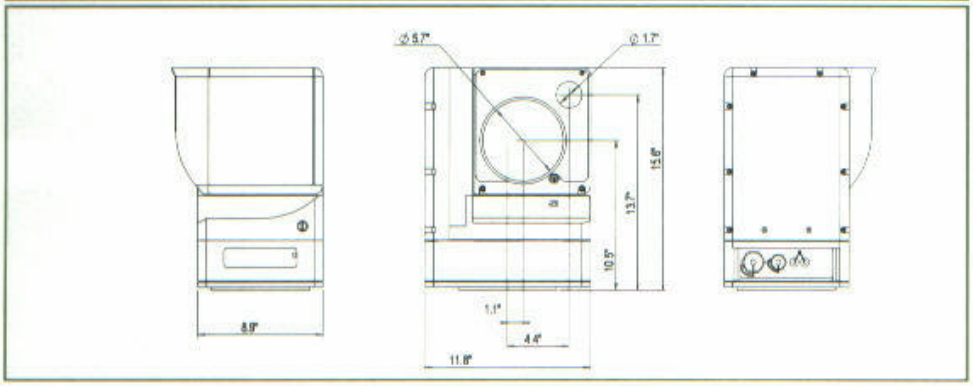




FLIR SYSTEMS

GROUND SYSTEMS
www.flir.com/gds3

SYSTEM SPECIFICATIONS	
Video Format	NTSC (RS-170) or PAL (CCIR)
Serial Interface	RS-485
Power	18 - 32V DC
Power Consumption	35 W (average)
Built-In-Test (BTI)	Self-diagnostics
Weight	38 lbs.
Dimensions	15 x 11 x 9 in.
Operating Temperature Range	-25.6°F to 122°F (-32°C to +50°C)
THERMAL IMAGER	
Detector	Uncooled microbolometer, 320 x 240
Waveband	7.5 - 13 microns
Wide FOV	24° x 18°
Narrow FOV	6° x 4.5°
FOV Switch time	<.8 seconds
Electonic Zoom	Continuous 1X to 4X
Digital Image Resolution	14 bit
Gain/Level Adjustment	Auto or manual
Image Processing	Histogram equalization
Palettes	Black/white, rainbow, iron
PAN/TILT SPECIFICATIONS	
Azimuth Control	Continuous 360°
Elevation Control	-35°to +60°(higher elevations available)
Slew Rate	0° - 120°/second azimuth 0° - 60°/second elevation
Pointing Accuracy	±3.0 mrad with ±0.1 mrad repeatability
Autoscan	Multiple positions, fully programmable
Park Position	Lockable position protects optics
VISUAL CAMERA	
Type	1/4" Color CCD
Resolution	460 Television Lines NTSC, 470 Television Lines PAL
Wide FOV	48°
Narrow FOV	2.7°



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www.flir.com/gds3

FLIR SYSTEMS

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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