

TacFLIR™ 230

LONG RANGE, GYRO-STABILIZED RSTA SYSTEM
TAILORED FOR VEHICLE OPERATIONS



APPLICATIONS

RECONNAISSANCE, SURVEILLANCE
AND TARGET ACQUISITION (RSTA)

GROUND MOBILITY

COMMANDER'S VIEWER

UNMANNED GROUND VEHICLES (UGV)

VEHICLE SITUATION AWARENESS

IED/MINE DETECTION

FEATURES

Optimized for vehicle operations

Stabilized for long range RSTA and
on-the-move operation

Compact and lightweight

Multi-sensor system

Fully integrated to vehicle

Qualified and rugged

BENEFITS

Tailored through extensive operational experience to
vehicle operations for RSTA, Force Protection, drivers
vision and situational awareness

Gyro-stabilized and tuned specifically for vehicle
installation, provides for maximum sensor range
performance and increased range over typical pan/tilt
systems at comparable price

39 lbs and 9" diameter class gimbal; provides the ability to
deploy on any platform including UGV's. Easily deployed on
extendable masts and for on-the-move operation

High resolution color zoom TV camera with low light
capability; powerful 640 x 480 cooled MWIR thermal
camera with 10x continuous zoom optics; optional laser
pointer for tactical coordination, can be seen by TV camera

Communications to vehicle command/control system,
GPS, INS, Radar, Moving Map, Searchlight and more

FLIR has hundreds of rugged, high reliability systems
fielded on RSTA vehicles



TacFLIR 230 provides crisp stable imagery through total darkness, fog, smoke, and most battlefield obscurants



TacFLIR™ 230

THERMAL IMAGER

| | |
|------------------------|--|
| Detector type | Indium Antimonide Focal Plane Array (MWIR) |
| Zoom ratio | 10x continuous zoom |
| Image resolution | 640 h x 480 v |
| Optional zoom extender | 1.8 x |

DAYLIGHT/COLOR CCD TV

| | |
|-------------|--|
| Performance | Long range optics with maximized focal lengths |
| Zoom | 18x continuous |
| Low light | 0.06 lux in NFOV (0.005 lux in WFOV) |

LASER POINTER

| | |
|--------------------|---------------------------------|
| Nominal wavelength | 852 nm |
| Power | 30 mW nominal |
| Classification | Class 3B (per ANSI Z136.1-2007) |

MECHANICAL/ELECTRICAL

| | |
|----------------------------------|---|
| System weight | ~39 lbs (~17.7 kg) |
| Stabilized Gimbal Assembly (SGA) | 9.0 in d x 15.55 in h (22.9 cm d x 39.4 cm h), 360° AZ Continuous, +80° to -80° EL |
| Interfaces | RS-232, RS-422, Analog (RS-170) |
| Power | 18-30 VDC |

ENVIRONMENTAL

| | |
|-----------|--------------------------|
| Standards | MIL-STD-461, MIL-STD-810 |
|-----------|--------------------------|

ERGONOMIC, RUGGEDIZED CONTROL UNIT OPTIONS

NVIS compatible
Fully sealed design



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