



**COMPACT LONG-RANGE HD
MULTI-SPECTRAL SURVEILLANCE SYSTEM**

TacFLIR® 230

The TacFLIR® 230 provides maximum sensor range performance including a high-resolution color zoom TV camera with low light capability, a powerful 640 x 480 cooled MWIR thermal camera with 18x total magnification, and optional laser pointer and rangefinder. At 41 pounds and with a nine-inch diameter, the TacFLIR 230 provides the ability to deploy on any platform including UGVs.

Optimized for vehicle operations, TacFLIR 230 is tailored through extensive operational experience for RECCE, force protection, ISR, commander's viewer, driver's vision, and situational awareness. It's easily deployed with extendable masts and gyro-stabilized for on-the-move operations. TacFLIR 230's multi-sensor payload provides crisp, stable imagery through total darkness and smoke while on the move. Qualified and rugged, it's built to MIL-STD-461, MIL-STD-810, and MIL-STD-704E.

FEATURES

OPTIMIZED FOR MOBILITY

Easily deployed with extendable masts and tailored through extensive vehicle experience for RECCE, force protection, driver's vision and situational awareness.

STABILIZED FOR ON-THE-MOVE OPERATION

Gyro-stabilized for mid-range ISR and tuned for vehicle installation, TacFLIR 230 provides maximum sensor range performance over typical pan/tilt systems.

MULTI-SENSOR SYSTEM

High-res color camera; powerful 640 x 480 cooled MWIR thermal camera with 18x total zoom; optional laser rangefinder and/or pointer.

FULLY INTEGRATED TO VEHICLE

TacFLIR 230 communicates with vehicle systems, GPS, INS, radar, and Moving Map.

ERGONOMIC HAND CONTROLLER

Ruggedized control unit is backlit, NVIS compatible, and fully sealed.

APPLICATIONS

RECONNAISSANCE

SURVEILLANCE

MILITARY POLICE SECURITY

FORWARD OBSERVATION

FORCE PROTECTION

SPECIFICATIONS

Thermal Imager	
Sensor type	Indium Antimonide Focal Plane Array (MWIR)
Zoom Ratio	10x continuous zoom
Image Resolution	640 x 480
Optional Zoom Extender	1.8 x
Daylight/Color CCD TV	
Performance	Long range optics with maximized focal lengths
Zoom	30x continuous
Low light	0.7 lux
Autotracker	
Performance	Multimode video autotracker
Laser Range Finder	
Type	Class 1 eye-safe
Range	10 km (15 km on large targets)
Typical Range Accuracy	+/- 5 m
Laser Pointer	
Nominal Wavelength	852 nm
Power	30 mW nominal
Classification	Class 3B (per ANSI Z136.1-2007)
Mechanical/Electrical	
System Weight	~41 lbs (~18.5 kg)
Stabilized Gimbal Assembly (SGA)	13" d x 15.5" h (330 mm x 394 mm), cylindrical volume 360° AZ continuous, +60° to -60° EL
Interfaces	RS-232, RS-422, Analog (NTSC & PAL)
Power	18-30 VDC
Environmental	
Standards	MIL-STD-461, MIL-STD-810, MIL-STD-704E
Ergonomic, Ruggedized Control Unit Options	
Backlit, hand control unit NVIS compatible and fully sealed design (HCU)	



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The World's Sixth Sense®