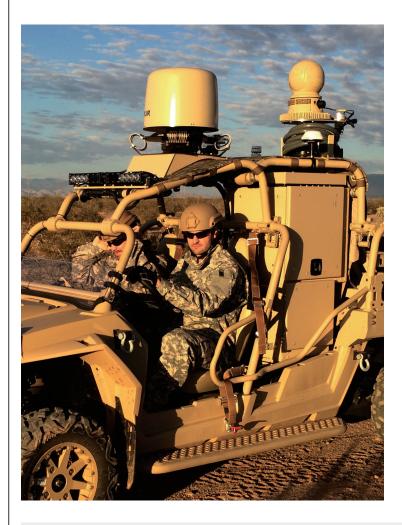
\$FLIR



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	
Туре	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)	





AMERICAS

FLIR Systems, Inc. Corporate Headquarters 27700 SW Parkway Ave Wilsonville, OR 97070 Office: +1 877.773.3547

FLIR Systems, Inc. DC Headquarters 1201 S. Joyce Street Suite C006 Arlington, VA 22202 Office: +1 703.682.3400

EUROPE

FLIR Systems 2 Kings Hill Avenue - Kings Hill West Malling, Kent ME19 4AQ United Kingdom Office: +44 (0)1732 220 011 Fax: +44 (0)1732 843 707

FLIR Systems AB Antennvägen 6, PO Box 737 SE-187 66 Täby Sweden Office: +46 (0)8 753 25 00

MIDDLE EAST

FLIR Systems B.V. - Abu Dhabi Wadi AI Fey St. Building 60, Office # 302 New Ministries Exit / Khalifa Park Area Abu Dhabi, U.A.E. Office: +971 2 666 1561 e-Fax: +1 503 914 1591

FLIR Systems Saudi Arabia Office 127, First Floor Akaria Plaza Building, Olaya Street Riyadh, 11481, Saudi Arabia Office: +966 11 464 5323 Fax: +966 11 464 0438

ASIA

FLIR Systems Japan K.K. Meguro Tokyu Bldg. 5F, 2-13-17 Kami-Osaki, Shinagawa-ku. Tokyo, 141-0021, Japan Office: +81-3-6721-6648



For More Information contact surveillance_sales@flir.com

www.flir.com NASDAQ: FLIR

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The World's Sixth Sense®