

COBALT™ 90

COMPACT EO/IR/LP GYRO-STABILIZED MICRO TURRET SYSTEM DEVELOPED FOR UNMANNED SYSTEMS INCLUDING UAS, UGV, USV/UMS AND OTHER APPLICATIONS



APPLICATIONS

RECONNAISSANCE

SURVEILLANCE

TARGET ACQUISITION

TARGET IDENTIFICATION

FEATURES

Advanced, compact sensor suite

Gyro-stabilized

Single LRU sets new standard in size, capability and performance

Ruggedized and sealed

320 x 240 uncooled IR sensor

Color CCD

Laser pointer

Single connection

BENEFITS

Three SIMULTANEOUS payloads in a 1.35 pound, 3.5" diameter turret

Provides stable imagery on moving platforms, maximizing both range performance and mission capability

Flexible use in airborne, ground, and maritime platforms

Robust, reliable, submersible

IR imager for day or night operations

Color imager for daytime operations

Laser pinpoints targets for observers with night vision equipment, while remaining invisible to others

Environmentally robust MIL-connector that simplifies platform integration



COBALT™ 90

THERMAL IMAGING PERFORMANCE

Uncooled Longwave IR Sensor 320 x 240

DAYLIGHT IMAGING PERFORMANCE

EO Sensor 768 x 494 CCD TV

LASER PERFORMANCE

Laser Pointer 30 mW, 830 nm

SYSTEM PERFORMANCE

Gimbal Type 2-axis gyro-stabilization
Azimuth Coverage +/-165°
Elevation Coverage +20° to -70° (ball down); -20° to +70° (ball up)

DIMENSIONS, WEIGHT

Size 3.5" diameter, 5.0" height
Weight 1.35 lbs



COBALT 90 contains both an IR and EO camera as well as a laser pointer all in a 3.5 inch, 1.35 pound gyro-stabilized gimbal.

CORPORATE HEADQUARTERS

FLIR Systems, Inc.
27700 SW Parkway Ave.
Wilsonville, OR 97070
PH: +1 800.727.3547

BOSTON

FLIR Systems, Inc.
25 Esquire Road
North Billerica, MA 01862
PH: +1 800.464.6372

HUNTSVILLE

FLIR Systems, Inc.
Huntsville, AL USA
PH: +1 256.325.3547

PITTSBURGH

FLIR Systems, Inc.
Freeport, PA USA
PH: +1.724.295.2880

WASHINGTON, D.C.

FLIR Systems, Inc.
2800 Crystal Drive, Suite 330
Arlington, VA 22202 USA
PH: +1 703.416.6666

EUROPE

FLIR Systems Ltd.
West Malling, Kent
United Kingdom
PH: +44.1732.220011

CANADA

FLIR Systems Ltd.
Burlington, ON
Canada
PH: +1 800.613.0507

SWEDEN

FLIR Systems AB
Täby, Sweden
PH: +46.8.753.2500

MIDDLE EAST

FLIR Systems Middle East, FZCO
Dubai Airport Free Zone
PH: +9714.299.6898

www.flir.com/GS

