

# 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.*

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