

# COBALT™ 90

COMPACT 3.5" DIAMETER STABILIZED  
VEHICLE GIMBAL SYSTEM



## APPLICATIONS

RECONNAISSANCE  
SURVEILLANCE  
TARGET ACQUISITION  
TARGET IDENTIFICATION  
SITUATIONAL AWARENESS

## FEATURES

Advanced, compact sensor suite  
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 payloads in a 1.35 pound, 3.5" diameter stabilized gimbal  
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 stabilization  
 Azimuth Coverage +/- 170°  
 Elevation Coverage +30° to -70° (ball down); -30° to +70° (ball up)

### DIMENSIONS, WEIGHT

Size 3.5" diameter, 4.8" 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 stabilized gimbal.*

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