

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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