



APOLLO II

Night Vision Dual Camera System

PRODUCT FEATURES:



- Dual camera configuration - featuring simultaneously viewable independent Infra-Red Thermal & Ultra Low-Lux Imaging Sensors
- Return to "Home" position control with On-Screen Camera Direction Indicator.
- The Thermal Imager allows for safe operation in total darkness.
- The Low Light .00015 Lux, camera amplifies even barely discernable light to render a crisp detailed picture in adverse navigational conditions.
- Pan, Tilt and 2X Digital Zoom
- Low profile ergonomic design
- Simple to operate, works with all marine displays.
- Sealed & heated camera enclosure to withstand the harshest of environments.
- Saltwater & corrosion resistant construction with rugged triple-primed marine grade aluminum housing.
- Optional Interface for IP Control and Video
- 18 Month Warranty

Thermal Imager Specifications

Resolution:	320 x 240
Detector Type:	Uncooled Microbolometer
Spectral Response:	7 to 14um
Field of View:	36°
Zoom:	2 X Digital
Video Output:	NTSC (PAL Optional)
Frame rate:	30Hz Standard, 9Hz (Intl)
Human Detection Range:	750' (228.6m) with 36° FOV

Ultra Low Light Imager

Resolution:	570 Lines
Picture Element:	379K Pixels
Scanning Rate:	2:1 Interlaced
Minimum Scene Illumination:	0.00015 Lux
Lens (Focal Length):	25mm
Field of View:	15°

Product Specifications

Camera Size:	9.0" w x 9.0" d x 8.0" h (20.3w x 22.9d x 20.3h)
Weight:	7.5lbs (3.4kg)
Material:	Corrosion resistant aluminum alloy
Color:	Marine White
Voltage:	9-32VDC
Power draw:	7 watts
Operation Temp:	10° to 122°F (-12° to 50°C), IP66 Rated
Environmental Enclosure:	IP67 Rated
Tilt Angle:	9° up & 17° down
Tilt Speed:	7° per second
Rotation:	360° continuous
Rotation Speed:	Fast 28°/sec & slow 15°/sec
Swept Volume:	12" diameter x 8.5" tall (30.48cm dia. X 21.59cm tall)
Max Control Cable length:	100' (30.48m)
Max Video Cable length:	65' (19.812m)
Operation:	Remote control point pad
Control Stations:	Maximum of 2



Apollo Thermal Image viewed on Optional VEI Monitor

The Apollo II camera system is ideal for Sport-fisherman, Expedition Yachts, Mega Yachts, Sport Yachts as well as commercial, law enforcement and military vessels.

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APOLLO II

Camera Controller

The **Apollo II Controller** is the most sophisticated on the market today. It utilizes menu pages for ease of control of the operational features of the Apollo II Dual Camera system. It controls the Zoom, Pan and Tilt, color palette and controller brightness. The initial display screen on the controller itself allows aiming of the camera, with subsequent menu pages offering a range of other control options.

The Camera Direction Indicator is clearly visible in the lower left corner of the Monitor Screen.

Controller Dimensions:
6.75" X 2.75"
17.145cm X 2.985cm



Apollo II LCD Control Pad



Actual Apollo II Thermal Image

The World is Within Your View



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