



APOLLO

Night Vision Dual Camera System

PRODUCT FEATURES:



- Dual camera configuration - featuring simultaneously viewable independent Infra-Red Thermal & Ultra Low-Lux Imaging Sensors.
- 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.
- Low profile ergonomic design
- Sealed & heated camera enclosure to withstand the harshest of environments.
- Saltwater & corrosion resistant construction with rugged triple-primed marine grade aluminum housing.
- 18 Month Warranty

Thermal Imager Specifications

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

Ultra Low Light Imager

Resolution:	570 Lines
Picture Element:	437 Pixels
Scanning Rate:	2:1 Interlaced
Minimum Scene Illumination:	0.00015 Lux
Lens (Focal Length):	25mm
Field of View:	20°

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:	Awlgrip Matterhorn White
Voltage:	9-32VDC
Power draw:	1.5 amps
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
Sweep Volume:	12" diameter x 8.5" tall
Max Control Cable length:	100'
Max Video Cable length:	65'
Operation:	Remote control point pad
Control Stations:	Maximum of 2



Apollo Thermal Image viewed on Optional VEI Monitor

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



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