

POSEIDON

NIGHT-VISION TRI-CAMERA SYSTEM

Ideal for Private Vessels such as Mega Yachts, Expedition Yachts & Sportfishing Yachts as well as commercial, Law Enforcement, Fire Boats and Military Vessels on land or sea

Product Features

- Triple camera configuration - featuring simultaneously viewable independent Infra-Red Thermal & Ultra-Low-Lux Imaging Sensors and a High Resolution Color Camera capable of more than 300x Zoom.
- The 2x Zoom Thermal Imager allows a crisp image for safe operation in total darkness.
- The 10x Zoom Low-Light .00015/Lux camera amplifies even barely discernible light to render a crisp detailed picture in adverse navigational conditions.
- Ideal Surveillance platform for any time of day.
- Advanced 2-axis Gyro - Stabilization with on-screen heading indicator.
- 360° Continuous Pan capability.
- Target tracking via NMEA integration of Radar ARPA & AIS data.
- Standard IP Control.
- 24 Month Warranty.



LCD Touch Screen Control Unit

Product Construction

- Sealed & heated camera enclosure will withstand the harshest of marine environments.
- Machined from aircraft grade solid billet aluminum.
- Saltwater & corrosion resistant construction with rugged triple primed and sealed, powder coated marine grade aluminum housing.
- Unique quick release base facilitates easy service or system sharing between vessels.



OceanView allows your journey into total darkness, low-light, twilight, torrential rain, some fog conditions and even intense sun to become a safe and cautious one.

OceanView is the time tested leader in Marine night-vision cameras. Navigation, surveillance and safety - your priorities are our priorities!

OceanView cameras provide clear images in any light or environmental conditions. We offer a full line of combination thermal imaging, low-light and color cameras. Our systems offer seamless integration with any marine monitor or TV and integrate easily with all

marine electronics available today. We offer a solution appropriate to fit every need.

OceanView camera systems may be controlled by the U.S. Government for export purposes. They may not be exported or re-exported without first consulting relevant U.S. Export Administration Regulations or International Traffic in Arms Regulations and obtaining the proper USG approvals. They may not be used in the design, development, production or use of nuclear, chemical or biological weapons or missiles. Contact OceanView Technologies Inc. for more information.



OceanView Technologies, Inc.

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POSEIDON

SPECIFICATIONS

Thermal Imager Specifications

Resolution:	320 x 240
Detector Type:	Uncooled Microbolometer
Spectral Response:	7 to 14um
Field of View:	23°, 14° or 9° (23° standard)
Video Output:	NTSC (PAL Optional)
Image Control:	Polarity (white/black Hot)
Zoom:	2x Digital
Frame Rate:	30Hz USA, 9Hz International
Human Detection Range:	1,000 @ 23° FOV (standard) 2,000 @ 14° FOV 3,000 @ 9° FOV

Ultra Low Light Imager

Resolution:	570 TV Lines
Picture Element:	437k Pixels
Scanning System:	2:1 Interlaced
Minimum Scene Illumination:	0.00015 Lux
Lens (Focal Length):	12mm-120mm
Angle of View:	30° - 3°
Zoom:	10x Optical

Daylight Color Imager

Resolution:	NTSC: 570 Lines PAL: 460 Lines
Picture Element:	NTSC: 630k Pixels PAL: 740k Pixels
Zoom:	26x Optical Zoom 12x Digital Zoom 312x Total Zoom
Angle of View (horizontal):	42° to 1.6°
Minimum Scene Illumination:	2.0 Lux
Recommended Illumination:	100 to 100k Lux
Signal to Noise Ratio	50db
Image Stabilizer	10Hz Frequency

Product Specifications

Camera Size:	14.00" w x 15.65" h x 13.41" d 35.56cm w x 39.75cm h x 34.06cm d
Camera Weight:	52lbs
Color:	Awlgrip Matterhorn White
Voltage:	24 VDC
Power Consumption:	16 amps peak/6 amps cont
Operation Temp:	-12° to 50°C to IP66 spec
Environmental Enclosure:	IP68 spec
Pan Speed:	0.0005° to 50°/sec
Tilt Range:	71° up & 75° down
Tilt Speed:	0.0005° - 25° per second
Pan:	360° continuous
Swept Volume:	22.5" diameter x 17.88" tall
Stabilization:	2 axis gyro stabilization
Max Length Control Cable:	4,000' of cat5
Max Length Video Cable:	4,000' of cat5
Control Stations:	Maximum of 32
Radar Integration	NMEA ARPA tracking

Camera Control Unit Specifications

Dimensions:	6.8" w x 4.8" h x 2.3" d (17.27cm w x 12.19cm h x 5.84cm d)
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Waterproof Joystick Control Unit

Camera Control Units

The **Poseidon** camera is operated with an included Waterproof Joystick Control Unit. It is easy to operate and won't let you down in adverse weather conditions. The optional LCD Touchscreen Control Unit is simply the finest camera controller available in the market. It has a separate screen that controls each of the three cameras in the **Poseidon** and another screen that controls the cameras stabilization with an easy to use touchscreen. You may use a combination of up to 32 Control Units as you would like anywhere on the vessel to control your **Poseidon** camera.

The Camera has an on-screen Direction Indicator that is always viewable in the upper left corner of your helm displays or TV's.

The Best View... an OceanView

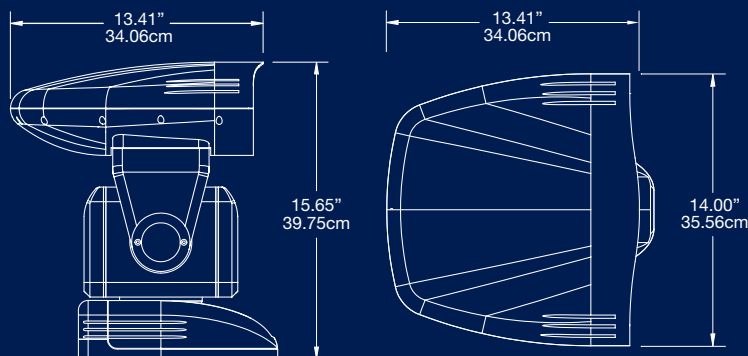
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Thermal Image

Ultra-Low-Light Image

Thermal Image



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