



# Z E U S

## The Ultimate Night Vision System



### PRODUCT OPERATION FEATURES:

- Target tracking via 8 different motion correlation algorithms
- Target tracking via NMEA integration of Radar ARPA & AIS data
- 2-axis Fiber Optic Gyro Stabilized with on screen heading indicator
- 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 Thermal Imager allows for safe operation in total darkness.
- The 10x Zoom Low Light .00015/Lux camera amplifies even barely discernable light to render a crisp detailed picture in adverse navigational conditions.
- Ideal Surveillance platform for any time of day with optional recording capability
- Standard IP Control
- 18 Month Warranty



Outdoor Waterproof Controller

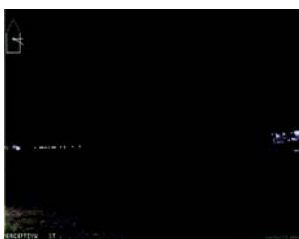
### PRODUCT CONSTRUCTION

- 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

The Poseidon Camera System is ideal for private vessels such as Mega Yachts, Expedition Yachts, & Sportfishing Yachts as well as Commercial & Military applications on land or sea.

### The OceanView difference!

See what OceanView's three different cameras see in moonless night time.



Color Camera



Ultra Low Light Camera

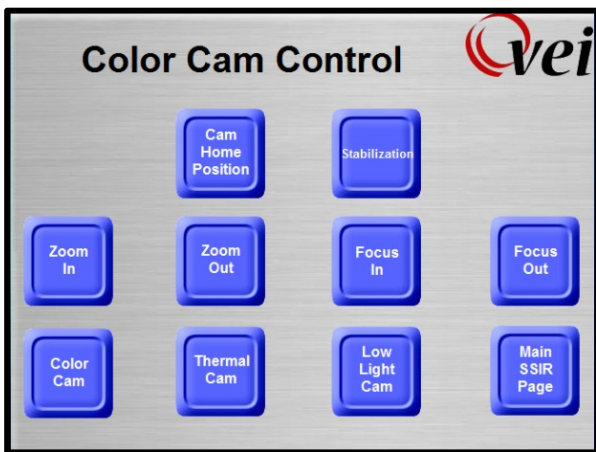


Thermal Camera



### OceanView Technologies, Inc.

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Easy to Navigate Operators Menu on LCD Pilothouse Touch Panel Controller

### Thermal Imager

Resolution:	320x240
Detector type:	Uncooled Microbolometer
Spectral response:	7 to 14 $\mu$ m
Angle of View:	23°, 14° or 9° (23° standard)
Video Output:	NTSC (PAL optional) & VGA
Image control:	Polarity (white/black Hot)
Zoom:	2x Digital
Frame Rate:	30Hz USA, 9Hz International
Human Detection Range:	1000' @ 23° FOV (standard) 2000' @ 14° FOV 3000' @ 9° FOV

### Ultra Low Light Imager

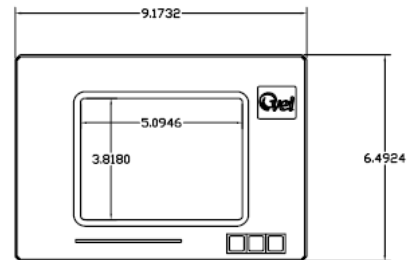
Resolution:	570 TV Lines
Picture Element:	437k pixels
Scanning System:	2:1 Interlaced
Minimum Scene Illumination:	0.00015 Lux
Lens (Focal Length):	12mm-120mm
Angle of View:	30° – 3°

### Daylight Color Imager

Resolution:	NTSC: 470 TV Lines PAL: 460 TV Lines
Picture Element:	NTSC: 630K Pixels PAL: 740K Pixels
Lens:	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

### Physical Specifications

Camera Size:	see below
Camera Weight:	52lbs
Color:	Awlgrip Matterhorn white
Voltage:	24VDC
Power Consumption:	16 amps peak/6 amps cont
Operating Temperature:	-12° to 50° C to IP66 spec
Environmental enclosure:	IP68 spec
Pan Range:	360°
Pan Speed:	.0005° to 50°/sec
Tilt Range:	71° up & 75° down
Tilt Speed:	.0005° - 25°/sec
Swept Volume:	22.5" diameter x 17.88" tall
Stabilization:	2 axis gyro stabilization
Max Length Control cable:	4000' of cat5
Max Length Video cable:	4000' of cat5
Control Stations:	maximum of 32
Radar Integration:	NMEA ARPA tracking
Motion/Temp Tracking:	8 modes



Pilot House LCD Touch Panel Controller



Dimensions in Inches