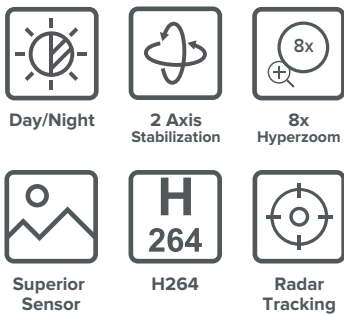




# Ulysses mini

## Compact dual payload marine thermal camera

The new Ulysses mini-series is an affordable, high-performance, gyro-stabilized marine thermal imaging system, featuring a day and night camera that delivers superior images in any lighting condition for demanding yacht masters and mariners.



### Dual Payload Day and Night Thermal Camera

Around-the-clock imaging capability to enhance operational safety and situational awareness.

- ▶ High-resolution 640x480 thermal camera
- ▶ High-performance 4K capable, day and low-light CMOS camera
- ▶ Smooth images, real-time awareness, and quick response
- ▶ Gyro-stabilized for steady viewing in rolling seas
- ▶ Wide display interfacing options
- ▶ Advanced MFD/mobile app touch-screen control
- ▶ Radar Slave and other advanced network functions
- ▶ Low power consumption
- ▶ Rugged/weatherproof construction
- ▶ Easy installation



View and operate wirelessly via mobile app



Designed for:



## Robustly Constructed, Beautifully Crafted.

Ulysses is sculpted from rugged materials and exquisitely finished with an **AULGRIP** topcoat. The camera even comes with customizable LED lights that can match any vessel's theme! The Ulysses mini is the ultimate performance accessory for your boat!

## Easy Integration

The Ulysses mini is designed to integrate seamlessly into most popular MFDs. A single cable installation greatly simplifies wire routing from camera to displays. A supplied junction box provides neat cable management, power distribution, and network connectivity to your boat systems.

## Radar Slave Function

Provides a visual identification to what is otherwise a blip on the radar screen.



*\*sold separately*

## Joystick Controller

Ergonomic controller that provides precise control of camera position and quick access to settings.

## Specifications

<p><b>General</b></p> <p>Sensor Type</p> <p>Field of View</p> <p>Zoom</p>	<p><b>Thermal Camera</b></p> <p>640 X 480</p> <p>17um uncooled microbolometer</p> <p>24° X 18° (Mini) / 18° X 12° (Mini+)</p> <p>Continuous electronic zoom to 4X</p>	<p><b>Colour Camera</b></p> <p>8.5m</p> <p>1/2.5" Exmor R STARVIS CMOS</p> <p>35.4° x 20° (Wide) 9° x 5.2° (Tele)</p> <p>HyperZoom 8X / E-zoom 6X</p>
<p><b>System Specifications</b></p> <p>Pan / Tilt Coverage</p> <p>Gyro Stabilisation</p> <p>Video Output</p> <p>Video Frame Rate</p> <p>Power Consumption</p> <p>Power Requirements</p>	<p>Pan: Continuous 360° Tilt: 100°, -90°</p> <p>Yes</p> <p>NSTC or PAL, HDMI, IP video</p> <p>9fps</p> <p>25W max</p> <p>PoE</p>	
<p><b>Environmental</b></p> <p>Operating Temperature Range</p> <p>Storage Temperature Range</p> <p>Encapsulation</p> <p>EMI / Salt Mist / Vibration</p> <p>Wind</p> <p>Lightening Protection</p>	<p>-13°F to 131°F</p> <p>-22°F to 158°F</p> <p>IP 66</p> <p>IEC60495</p> <p>115mph / 100kn</p> <p>Standard</p>	
<p><b>Range Performance</b></p> <p>Detect Man (1.8m x 0.5m / 5.9 ft x 1.5 ft)</p> <p>Small Vessel (4m x 1.5m / 13 ft X 4.9 ft)</p>	<p><b>Mini</b></p> <p>Up to 0.8mi</p> <p>Up to 1.8mi</p>	<p><b>Mini+</b></p> <p>Up to 1.1mi</p> <p>Up to 2.5mi</p>
<p><b>Dimensions</b></p> <p>Size</p> <p>Weight</p>	<p>12.34" X 7.56"</p> <p>≤ 15.4lb</p>	

**Note:** 1. Due to our policy of continual improvement, specifications may change without prior notice.  
2. System must not be used in replacement of human observation.



**Omnisense Systems USA Inc**

1881 West State Road 84, Bldg. 1 Unit 102 Fort Lauderdale, Florida 33315, USA  
T: +1 (954) 316-6230 E: [enquiries@omnisense-systems.com](mailto:enquiries@omnisense-systems.com)  
[omnisense-systems.com](http://omnisense-systems.com)